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FORBES SEEDS

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1898 • For Best Seeds • 1953

LAWN GRASS SEED—FERTILIZERS
FLOWER SEEDS, BULBS and PLANTS
POT-GROWN PERENNIAL PLANTS
ROSES and HARDY VINES in POTS
HARDY AZALEAS
CHRYSANTHEMUMS—STRAWBERRIES
VEGETABLE SEEDS and PLANTS
INSECTICIDES—WEED KILLERS
HUMUS, PEAT MOSS, GARDEN TOOLS

TWO FORBES GARDEN CENTERS

Morris Turnpike at Millburn Ave., Millburn
and Route 10, Hanover, N. J.

(one mile west of the Livingston Traffic Circle)



SPRING
1953

STOP AT .. FORBES GARDEN CENTER

on Route 10, Hanover, N. J.

(10-min. drive from Chatham; mile west of Livingston Circle)

There our field store, shown opposite, is open from March 2 to December. With one stop you will find the very best quality in

- Flower Seeds, Annual Flower Plants,
- Perennial Flower Plants (in pots),
- Roses and Hardy Vines (in pots),
- Garden Chrysanthemums (in pots),
- Hardy Azaleas that will winter over,
- Summer-flowering Bulbs, Dwarf Iris,
- Strawberry Plants, Asparagus Roots,
- Vegetable Seeds, Vegetable Plants,
- Lawn Seeds, Fertilizers, Humus and
- Peat Moss, Insecticides, Weed Killers,
- Books, Tools, and other Garden Needs

or our new FORBES GARDEN CENTER Morris Turnpike and Millburn Ave., Millburn

(Private parking at left and rear of building)

See Our Daffodil—Tulip Displays

At our Hanover Garden Center we offer a preview of the finest sorts in full bloom. In April you'll find 35 varieties of Daffodils in all their sunny glory. In April and May you'll see over 140 kinds of superb Tulips. From March on there will be a succession of the little flowers from Snowdrops to Wood Hyacinths, including over 20 Botanical Tulips.

Order your bulbs *then* for October delivery at a worthwhile saving

Ask for our Finding List which shows the varieties and prices for our large size bulbs. Choose your favorites and order your bulbs for delivery at planting time in October.

For Reliable Hardy Azaleas see page 11

1898 -

Forbes Seeds

- 1953

55 Years—Forbes Seeds for Best Seeds

Why buy Dormant Roses?

Dormant means sleeping. Unfortunately many sleeping roses never wake up. They may have dried out and died, or they may be too sleepy to ever start growing.

Forbes Pot-Grown Roses are Awake!

Bursting with life before you buy them, they have been awake and growing for weeks. We discard the sleepy heads. Forbes Pot-Grown Roses are best for you because all are the largest, strongest bushes (not mail order size) grown specially for us under ideal conditions by the leading rose grower of the northwest. We start them in 7 x 9-inch pots, to give ample room for the heavy root systems to develop, and grow them on outdoors just as nature intended. They cost slightly more than dormant roses but are well worth it, and are easily planted in your garden without setback. The varieties are the finest available. See pages 30 to 33.

A Forbes Gift Certificate—

makes a thoughtful gift for your gardening friends

Brighten up a friend's garden year with a Forbes Gift Certificate made out for any amount you wish to give. It covers all garden items in season at the time the certificate is used to make a selection.

GIFT CERTIFICATE for _____	
NAME _____	ADDRESS _____
LAWN GRASS SEED — FERTILIZERS FLOWER SEEDS, BULBS and PLANTS ROSES and HARDY VINES in POTS VEGETABLE SEEDS—GARDEN TOOLS	Upon surrender of this GIFT CERTIFICATE, after it is properly countersigned, you may select any items we offer to the value of _____ DOLLARS
ALEXANDER FORBES & CO. Morris Turnpike, Millburn—Route 10, Hanover	Presented by _____ DONOR'S SIGNATURE _____
by _____	COUNTERSIGNED BY CHAISEMAN _____

Something New!

STARTED POT-GROWN PEONY PLANTS

Never mind if you forgot to plant dormant Peony roots last fall. We did it for you and now offer fine started Peony Plants, full alive and growing, established in 7x9-inch pots, ready to set out in your garden this spring.

DOUBLE VARIETIES

- Festiva Maxima.** 9.3 Early white; crimson markings in the center; \$1.45 ea; 3 for \$4.
Karl Rosenfield. 8.8 Free-blooming; very bright crimson flowers. \$1.45 ea; 3 for \$4.
Longfellow. 9.0 Full flowers of fadeless bright crimson. \$1.75 ea; 3 for \$4.95
Mons. Martin Cahuzac. 8.8 Purple-garnet; black reflex. \$2.25 ea; 3 for \$6.45
Primevere. 8.6 Deep creamy yellow with sulphur yellow center. \$1.75 ea.; 3 for \$4.95
Sarah Bernhardt. 9.0 Deep rose-pink tipped silver. \$1.45 ea; 3 for \$4.
Solange. 9.7 Waxy white with orange and golden brown center. \$1.45 ea; 3 for \$4.
Walter Faxon. 9.3 Free-blooming salmon-rose flowers. \$1.75 ea; 3 for \$4.95

SINGLE VARIETIES

- Le Jour.** 8.8 Two rows of wide overlapping white petals. \$1.75 ea; 3 for \$4.95
Mischief. 8.7 Late; huge light pink with a golden center. \$1.75 ea; 3 for \$4.95
Pocahontas. 8.2 Late; tall rose single. A dependable bloomer. \$1.45 ea; 3 for \$4.

Supremely beautiful and of life-long permanence, Peonies form the basis of every well-considered flower garden. As individual clumps or in borders in front of shrubbery they are superb.

Something New!

STARTED POT-GROWN POPPY PLANTS

The early fall is the best time to start Oriental Poppies from *roots*. We have done this for you and now offer started Poppy plants, already established and growing, in 6-inch pots. Just slit the pot off and set the soil ball in a sunny garden bed to grow on without set back, to bloom in May and June. Ht. 3 ft.

Barr's White. Beautiful, large, pure white satiny flowers with purplish black centers.

Betty Ann. Very beautiful, large flowers of La France pink without blotches.

Big Jim. Huge, handsome flowers of deep maroon on strong, free blooming plants.

Cavalier. Big crinkly flowers of deep scarlet-red on strong stems for cutting.

Cerise Beauty. Very free-flowering cerise-rose blooms having black-purple centers.

Flashy Glow. Large, bright yellow flowers with a suffusion of orange.

Gold of Ophir. Dwarfier plants, 26 inches high, with big golden orange flowers.

Henry Cayeaux Improved. Large blooms of old rose shaded with burgundy.

Hercules. Tremendous, true scarlet flowers on extra tall sturdy plants 3½ feet high.

Joyce. Big flowers of soft red with a suffusion of cherry-red on tall strong plants.

Wurtembergia. Tremendous cerise-scarlet with contrasting black centers.

In 6-inch pots, any of the 11 varieties,
75c each; 3 for \$2.10; \$7.50 per doz.

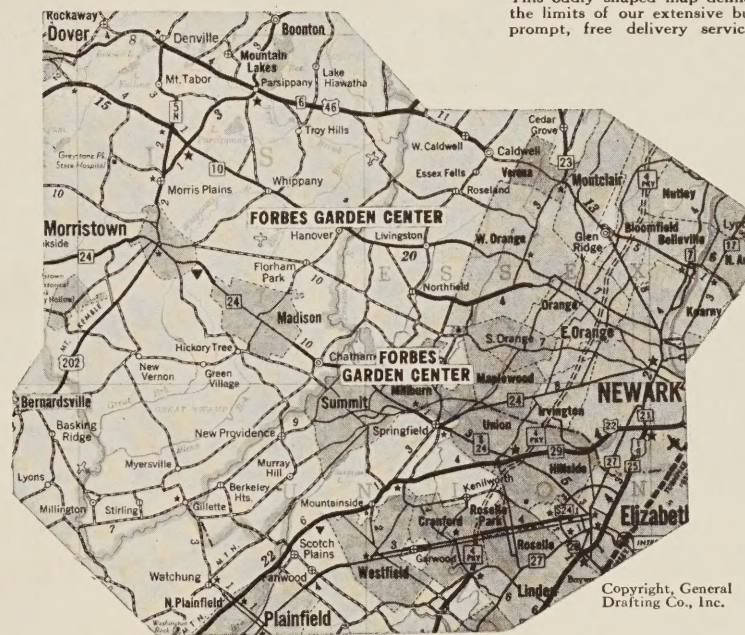


Forbes Garden Center at Morris Turnpike (R. 24) and Millburn Ave., Millburn.

NOW TWO FORBES GARDEN CENTERS

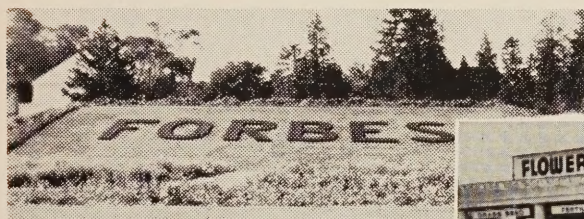
**Morris Turnpike at Millburn Ave., Millburn
and Route 10, Hanover, N. J.**

(10-min. drive from Chatham; mile west of Livingston Circle)



This oddly shaped map defines the limits of our extensive but prompt, free delivery service.

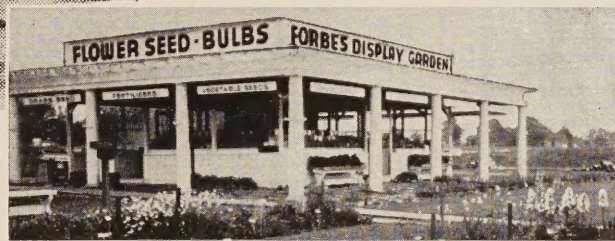
Copyright, General Drafting Co., Inc.



Watch for this 100-foot mound on the south side of Route 10 at Hanover, N. J.

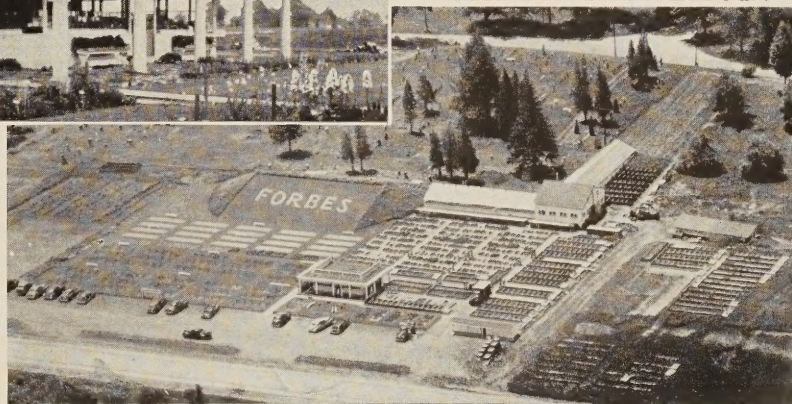
For Better Things For Your Garden

Seeds, that grow—of the best strains Bulbs, sound and the largest top-size Plants, Vines—better than elsewhere Roses, the very finest, alive in big pots Azaleas, hardy ones that winter over Lawn seed, none better; see analyses Fertilizers that really do a good job Insecticides, the best, latest controls Garden Tools, all worth-while, no gadgets



Field Store on Route 10, at Hanover, N. J.

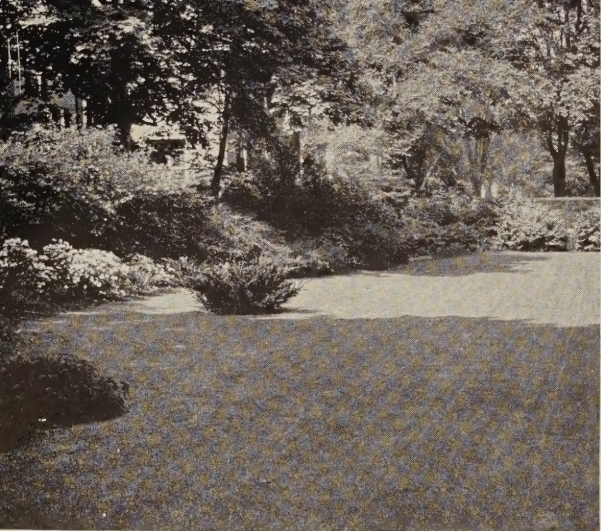
Over 700-foot frontage on Route 10—400 feet of Parking Space.



Now centrally located to serve your garden needs in the above area. Our Delivery Service covers all points shown on above map.

For Free Delivery—Minimum Value \$4.00

Partial air-view of Forbes Garden Center



Above, from our Elite Lawn Seed

FEED AND SEED YOUR LAWN

To have a lasting green lawn be sure to replenish it each year with a light application of Lawn Seed and a proper feeding of plant food. For a quick start use pulverized, weed-free Sheep-Manure, for best results use 8-6-5 Lawn-Spur Fertilizer, and for a long pull Steamed Bone Meal. For these materials see pages 4 and 5.



Below, from the "Forbes" Lawn Seed

FORBES LAWN SEED FOR EVERY NEED

The best in seeds and care is essential to have a fine lawn. Forbes quality, known the country over, has set a high lawn standard, and Forbes service is at your disposal at all times.

Many grades of lawn grass seeds of varying qualities are offered for sale. Many contain seeds of worthless character, chaff, and weed seeds. Often a single variety or a blend of two grasses is sold as lawn seed. The best lawn is produced from a mixture of several natural grasses. To be of greatest value, these grasses must be properly proportioned in the mixture so that there is enough of each to serve its specific purpose. The mixtures we offer, made up from special formulæ, are the result of years of experiment and of practical tests. Each mixture will produce a turf ideally suited to each purpose. Complete directions with every package.

ELITE LAWN SEED

A very superior blend of only the finest and most desirable separate lawn grasses in such proportion as to produce a perfect lawn, but one which requires no special care such as an all-Bent Mixture. The Elite turf is of very fine texture and splendid deep green color yet is sturdy and withstands normal wear. It lends itself to easy mowing and because of its thick, close root-mat discourages the growth of ordinary weeds. It is not mixed to sell at a fixed price and is better value than cheaper mixtures.

Compare this analysis with all others. There's no better mixture at any price. Grows a perfect enduring lawn of which you'll be justly proud.

Purity	
4.9%	Bent, Highland
29.7%	Fescue, Illahee
49.0%	Kentucky Blue
14.3%	Fancy Redtop

97.9%	Total purity
.2%	Weeds
1.9%	Inert matter

100.0% Actual Germination 87.5%

Germ. Enough Bent to give extra fine texture; a heavy proportion of the two very finest lawn grasses, viz. the old standby, Kentucky Blue and the new marvel grass, Illahee Fescue, both fine, wear-resistant and permanent. A small percentage of Fancy Redtop gives a quick cover and nurses the others along. Sow 1 lb. per 200 sq. ft. of new lawn, twice that amount for quick results.

Lb. \$1.40; 5 lbs. \$6.75; 10 lbs. \$13; 25 lbs. \$31.75; 100 lbs. \$125, delivered.

THE "FORBES" LAWN SEED

A rapid-growing combination of grasses which produces in from four to six weeks, a permanent lawn capable of withstanding heavy wear. It contains seeds of five dwarf evergreen and perennial grasses of fine lawn texture. Definite proportions of these are mixed very thoroughly. The resultant lawn has a fine, even, rich green appearance and a permanency not usually found. Known for its high quality, it is higher priced than ordinary store mixtures but cheapest in the long run. It contains only heavy, re-cleaned, live seeds, free from worthless chaff, timothy and weed seeds. No White Clover seed in this mixture.

This is our second quality mixture for sunny lawns and is better than many of the first quality mixtures offered. It produces an excellent lawn.

Purity	
4.9%	Bent, Highland
4.9%	Fescue, Chewings
24.8%	Fescue, Illahee
32.4%	Kentucky Blue
14.2%	Fancy Redtop
14.8%	Ryegrass, Perennial

96.0%	Total purity
.3%	Weeds
3.7%	Inert matter

100.0% Actual Germination 87.5%

Germ. Here is what you get:—enough Bent to give an extra fine texture; almost two-thirds of the total in the finest-leaved, permanent and wear-resistant lawn grasses, Chewings Fescue, Illahee Fescue and Kentucky Blue; and enough fine-leaved Fancy Redtop to complement the above, and, with the Perennial Ryegrass, to give a quick cover and to nurse the other lawn grasses along. Sow 1 lb. per 200 sq. ft. of new lawn, twice that amount for quick results.

Lb. \$1.25; 5 lbs. \$6; 10 lbs. \$11.50; 25 lbs. \$28.25; 100 lbs. \$110, delivered.

FORBES LAWN SEED FOR EVERY NEED

When comparing prices look on the package for the percentage analysis required by Law.

BRANCH BROOK PARK LAWN SEED

Recommended for use where the low cost of materials is of more importance than extreme fineness of turf. Will withstand normal wear and has a fine color. We include no White Clover in this mixture.

This, our cheapest mixture, makes a good lawn but it is not as fine in texture. It serves well for back areas as it better withstands hard wear.

Purity		Germ.	
9.8%	Fescue, Chewings	90%	One-quarter of the total is in the tougher, wear-resistant Chewings Fescue and Meadow Fescue. These, with Kentucky Blue and Fancy Redtop account for about three-quarters of the whole leaving about one-quarter in the Ryegrasses to act as temporary nurse grasses. These, having broader blades, will disappear in time leaving a permanent lawn of good texture. Sow 1 lb. per 100 sq. ft. of new lawn.
14.5%	Fescue, Meadow	90%	
17.0%	Kentucky Blue	80%	
28.5%	Fancy Redtop	90%	
14.9%	Ryegrass, Domestic	90%	
9.9%	Ryegrass, Perennial	90%	
94.6%	Total purity		
.4%	Weeds		
5.0%	Inert matter		
100.0%	Actual Germination 88.0%		

Lb. \$1; 5 lbs. \$4.75; 10 lbs. \$9; 25 lbs. \$22; 100 lbs. \$85, delivered

SHADY PLACE LAWN SEED

It is difficult to grow grass in the shade and under trees because the trees use up nearly all the food and moisture in the soil. This mixture will thrive better than any other in the shade.

This mixture contains a great predominance of grasses which thrive naturally in shaded places. The lawn it produces is very excellent.

Purity		Germ.	
4.9%	Bent, Highland	90%	Enough Bent to give an extra fine texture; nearly five-eighths of the total in shade-loving grasses, namely Chewings Fescue, the new Illahee Fescue, and Rough-stalked Meadow (Poa trivialis); and over one-quarter of the whole in the standbys, Kentucky Blue and Fancy Redtop, the latter providing a quick cover and acting as a nurse grass until the others are established. Sow 1 lb. per 200 sq. ft. of new lawn, twice that amount for quick results.
24.5%	Fescue, Chewings	90%	
14.8%	Fescue, Illahee	90%	
12.8%	Kentucky Blue	80%	
19.0%	Fancy Redtop	90%	
18.0%	Rough-stalked Meadow	85%	
94.0%	Total purity		
.4%	Weeds		
5.6%	Inert matter		
100.0%	Actual Germination 87.5%		

Lb. \$1.25; 5 lbs. \$6; 10 lbs. \$11.50; 25 lbs. \$28.25; 100 lbs. \$110, delivered

TERRACE LAWN SEED

The grasses used for a sloping bank or terrace must have such roots as will withstand the washing caused by heavy rains. These deep roots will better withstand drought during the summer.

A heavy proportion of grasses which root deeply is needed to make a lasting lawn on a terrace where the soil is usually on the dry side.

Purity		Germ.	
8.0%	Canada Blue	80%	Nearly one-half of this mixture is made up of Canada Blue, which roots deeply to a lower moisture level, and of Chewings Fescue and Illahee Fescue both of which thrive under drought conditions. Nearly one-half consists of two fine-leaved lawn grasses, Fancy Redtop and Kentucky Blue. The Redtop and Perennial Ryegrass give a quick growth and nurse the others along. Sow 1 lb. per 100 sq. ft. of new lawn.
19.6%	Fescue, Chewings	90%	
9.9%	Fescue, Illahee	90%	
25.5%	Kentucky Blue	80%	
14.3%	Fancy Redtop	90%	
14.8%	Ryegrass, Perennial	90%	
92.1%	Total purity		
.4%	Weeds		
7.5%	Inert matter		
100.0%	Actual Germination 86.5%		

Lb. \$1.25; 5 lbs. \$6; 10 lbs. \$11.50; 25 lbs. \$28.25; 100 lbs. \$110, delivered



From our Branch Brook Park Lawn Seed



Sown with our Shady Place Lawn Seed



From our Terrace Lawn Seed

FORBES FERTILIZERS AND SOIL-BUILDERS

These prices are subject to change without notice

The success of your garden depends upon the quality of the soil. All plants need ample plant-food. By ample is meant not only the quantity but also the availability. The soil must hold plant-food and moisture, yet be in such condition that the plant roots can absorb what is needed. It should be sufficiently rich in humus or decayed vegetation to absorb excess moisture and hold it for later use. It should have enough clay to give it some body and enough sand to make it porous and friable. But even with a perfect soil, plant-food must be added each year to replace that which is consumed. Your soil is of the greatest importance to your gardening success.

Activo. Without odor quickly converts leaves, garbage, grass clippings or other waste into valuable humus-fertilizer in 3 weeks. No. 2 can treat 400 lbs. compost, \$1; No. 7 treats up to 1700 lbs., \$2.60; No. 20 treats 2 tons, \$5.95.

Adco, Super. For making artificial manure, stack straw, leaves and all other vegetable waste, layer by layer, mix it with Adco and keep it wet until well-rotted. A 20-lb. bag with 12 wheelbarrow loads of garden waste, makes $\frac{1}{2}$ ton of manure. 5-lb. pkg. \$1.45; 20-lb. bag \$2.95; 100 lbs. \$13.95.

African Violet Soil. A prepared acid soil for the best culture of African Violets, Begonias, Gloxinias, etc. $\frac{1}{2}$ lbs. 25c; 4 lbs. 50c.

African Violet Plant Food, Roigina. Is readily soluble in water. Promotes longer blooming periods, produces more and larger flowers. Envelope of 18 capsules, 35c; 3 for \$1.

AGRINITE. A 100 percent organic fertilizer with 8 percent organic nitrogen which becomes available gradually through a long period. It increases the moisture holding capacity of all soils. It can be applied at any time without danger of burning. Apply 4 lbs. per 100 sq. ft. on lawns, flower beds, etc. 25 lbs. \$1.65; 50 lbs. \$2.95; 80 lbs. \$4.45; 400 lbs. \$21.75; 800 lbs. \$40.

Aluminum Sulphate. Use to acidify the soil for rhododendrons, azaleas, laurel and other sour-soil plants a pound per square yard and water thoroughly. To keep Hydrangeas blue, water with 3 oz. Aluminum Sulphate dissolved in 1 gal. water. 5 lbs. 60c; 10 lbs. \$1; 25 lbs. \$1.95; 100 lbs. \$4.95.

BONE MEAL. As it has very long-lasting qualities, this is desirable for fertilizing all hard-wooded plants, including roses, flowering shrubs, fruit bushes, and trees. A liberal application mixed into the soil before planting bulbs of tulips, hyacinths, etc., will result in remarkable size and brilliancy of flowers. For lawns it is a dependable fertilizer, as it contains the essentials that grass requires. For this, use 25 lbs. for every 1000 sq. ft. For trees and vines, use 2 to 4 lbs. each. For roses and pot-plants, use 1 part to about 50 parts of soil. For field and garden crops or new lawns, use 50 lbs. for every 1000 sq. ft. 5 lbs. 65c; 10 lbs. \$1.10; 25 lbs. \$2.45; 50 lbs. \$4.25; 100 lbs. \$6.95; 500 lbs. \$34; 1000 lbs. \$66.

Broadleaf Evergreens.

Analysis 6-10-4. A special acid fertilizer for use on Azaleas, Laurel, Rhododendron, Blueberries and other acid-loving plants. Supplies needed plant-food but also acidifies the soil. Apply 3 lbs. per 100 sq. ft. and water well. 10 lbs. \$1.15; 25 lbs. \$2.20; 50 lbs. \$3; 100 lbs. \$5.80; 500 lbs. \$26; 1000 lbs. \$49.

Buckwheat Hulls, Mul-Tex. This, an ideal mulch for all roses and perennial plants, is porous enough to permit the water to get through the soil and always look neat and attractive. Reduces upkeep because it prevents weeds from growing. 50 lbs. \$1.95; 100 lbs. \$3.75; 1000 lbs. \$35.

COW MANURE. Analysis 2-1-1. Dry, well pulverized and easy to handle, this is an ideal soil-builder and mulch. It is fine for lawn, garden and greenhouse and to mix with compost. Use at same rates as Sheep Manure. 25 lbs. \$1.80; 50 lbs. \$2.95; 100 lbs. \$5.10; 500 lbs. \$24; 1000 lbs. \$44.

Driconure. Analysis 2-1-1. Contains $\frac{3}{4}$ cow and poultry manures in dehydrated form, and $\frac{1}{4}$ peat moss. This all-organic fertilizer and soil-conditioner is weed free. The peat moss holds the plant-food and moisture until used up by the plant roots. For top-dressing old lawns, use 100 lbs. on 1000 sq. ft. For new lawns or flower and rose beds use twice as much. 50 lbs. \$2.30; 100 lbs. \$4.50; 500 lbs. \$22; 1000 lbs. \$42; ton \$82.

Fruitone. A valuable hormone spray to prevent premature dropping of apples and pears. It also will produce more tomatoes of larger size earlier than normal and will give a better set of beans, especially in bad weather. 2 ozs. \$1; 12 ozs. \$5.

GARDEN FERTILIZER.

Analysis 5-10-5. This is the very best in commercial fertilizers for your vegetables. It is a complete, well-balanced fertilizer containing all food elements needed for development. In gardens scatter 50 pounds per 1000 sq. ft. and rake in well or mix a little thoroughly in the bottom of the furrow before planting your seeds. Hoe it into the soil between the rows of plants at the rate of 5 pounds to 100 feet; and repeat each month. 5 lbs. 48c; 10 lbs. 85c; 25 lbs. \$1.70; 50 lbs. \$2.30; 100 lbs. \$4.55; 500 lbs. \$20.50; 1000 lbs. \$38.65.



Groun-Tone. A splendid soil conditioner. Through its alkaline chemical composition it groups the particles of clay soils thus providing drainage; also binds light soils. Much bulkier, it spreads easier than lime. Has no nitrogen or potash but does add ten essential trace plant-foods. Use 50 lbs. per 1000 sq. ft. 80 lbs. \$2.40; 400 lbs. \$11.50.

Hormodin Powder. For plant propagation. Produces better roots faster. Dip moistened stems of cuttings in powder before placing in propagating bed. No. 1, for roses, certain shrubs, most garden, greenhouse plants. $\frac{1}{4}$ -oz. size, 50c, Combination Package, Nos. 1, 2 and 3 for all types, 75c.



An organic, non-acid soil builder for your lawn or garden which makes the soil nicely friable, lightens clay soils, binds together sandy soils and helps hold moisture in all soils. It is odorless, dry and weed free. Fine for fixing potting soil. For new lawns and gardens rake in 200-400 lbs. per 100 sq. ft. and top-dress old lawns with half that much. In moisture proof bags, 80 lbs. \$2.40; 400 lbs. \$11.50. In bur-lap bags, 100 lbs. \$2.25; 500 lbs. \$10; 1000 lbs. \$18.50; ton \$33. In bulk, 10 ton minimum truckload to one address within our delivery area, at \$19 per ton.

Hyponex. See Soluble Plant Foods on page 5.

Ivy-Philodendron Plant Food. The organic contents are essential for good growth, part of the food being available at once, the balance as the plant uses it. Will quickly stimulate weak plants to produce luxurious foliage. In handy capsules, envelope of 18 for 35c; 3 for \$1.

Krilium, Merloam. This soil conditioner helps make clay soils more porous and crumbly. In powder form, 5 lbs. mixed very thoroughly through the top 6 inches of dry soil will cover 40 sq. ft. Allows better absorption of water, permits better root development to absorb fertilizer and so better plants. 1 lb. \$1.69; 5 lbs. \$6.95. For 500 sq. ft. 6 inches deep use 100% Loamaker Krilium, 10 lbs. \$34.50.

LAWN FERTILIZER.

Analysis 6-10-4. A properly balanced commercial fertilizer for lawns, trees and for shrubs. Top-dress 25 lbs. per 1000 sq. ft. when the grass is dry in early spring and again in the fall. On new lawns use 50 lbs. per 1000 sq. ft. before planting your lawns and water thoroughly at once, 10 lbs. 85c; 25 lbs. \$1.70; 50 lbs. \$2.55; 100 lbs. \$5; 500 lbs. \$22.50; 1000 lbs. \$42.50.



Lawn Spray Analysis 8-6-5. In this 60 percent organic lawn food several different ingredients release their high nitrogen content successively at different periods of the turf growth. This stimulates very luxuriant, continued growth and makes unnecessary repeated applications. Apply 25 pounds per 1000 sq. ft. and water the lawn immediately after to wash fertilizer off grass and start its action without delay. Because of its high nitrogen content it is also excellent for feeding trees and shrubs. 25 lbs. \$2.25; 50 lbs. \$3.80; 80 lbs. \$5.50; 400 lbs. \$26.

Lime, Hydrated Agricultural. Corrects soil acidity and opens heavy land. Quick-acting but will not burn if scattered evenly in early spring or late fall on gardens or lawns, using 50 lbs. per 1000 sq. ft. one week before fertilizing. 10 lbs. 40c; 50 lbs. 95c; 100 lbs. \$1.70; 500 lbs. \$8; ton \$29.

Limestone, Pulverized. Is easier to apply than Hydrated. Does not "gum up" on wet soils, penetrates better and is less likely to burn. Use 80 lbs. per 1000 sq. ft. broadcast early spring and fall. 10 lbs. bag 95c; 400 lbs. \$4.50; 800 lbs. \$8.50; ton \$20.

Miracle-Gro. See Soluble Plant Foods p. 5.

Muriate of Potash (Potassium Chloride). Essential for all root crops; fine for peas, beans and for woody-stemmed plants. Use 2 to 5 lbs. per 100 sq. ft. 5 lbs. 65c; 10 lbs. \$1.10; 25 lbs. \$2.25; 100 lbs. \$6.50.

Nitrate of Soda. A quick plant stimulant, 16% in nitrogen, inducing green growth. For green vegetables side dress 1 lb. per 100 ft. of row and water in. For lawns, use 5 lbs. mixed with four times its bulk of sand per 1000 sq. ft. As liquid use oz. in gal. of water. 5 lbs. 70c; 10 lbs. \$1.20; 25 lbs. \$2.20; 50 lbs. \$3.65; 100 lbs. \$6.50.

Organo. All organic, safe, rich and long lasting. It contains unacidulated tankage, castor pomace, bone, poultry and cow manures, rock phosphate and muriate of potash. The analysis is 3% nitrogen, 21% bone phosphate of lime approximating 9% available phosphoric acid, and 3% potash. Unexcelled for rose, perennial and shrub borders when applied 30 lbs. to 250 sq. ft. and worked in from 2 to 4 inches deep, or a trowelful deep into the soil around individual plants. Side dress vegetable rows using 8 lbs. for 100 ft. of row well worked in, or top dress 40 lbs. per 1000 sq. ft. 25 lbs. \$1.60; 50 lbs. \$2.60; 100 lbs. \$5; 500 lbs. \$24.

Plantabbs Analysis 11-15-20. Concentrated plant food easy to use; odorless. Dissolve 1 tablet in a quart of water weekly. Box of 30 tablets 25c; 75 tablets 50c; 200 tablets \$1; 1000 tablet carton for \$3.50.



FORBES FERTILIZERS AND SOIL-BUILDERS

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to change without notice

The success of your garden depends upon the quality of the soil. All plants need ample plant-food. By ample is meant not only the quantity but also the availability. The soil must hold plant-food and moisture, yet be in such condition that the plant roots can absorb what is needed. It should be sufficiently rich in humus or decayed vegetation to absorb excess moisture and hold it for later use. It should have enough clay to give it some body and enough sand to make it porous and friable. But even with a perfect soil, plant-food must be added each year to replace that which is consumed. Your soil is of the greatest importance to your gardening success.

PEAT MOSS. If mixed in the soil it prevents baking and crusting, it improves aeration, lightens and makes the soil more friable and provides a natural reservoir for soil-moisture and all plant-food. For mulching, for summer moisture retention and for winter protection around rose, evergreen, and perennial beds. The quality we offer crumbles very readily. Carton, over one bushel, \$1.60; half bale \$3.50; large bale (19 x 19 x 36 in.; covers 300 sq. ft. 1 inch deep) \$4.75; 5 at \$4.65.



PEAT MOSS, MICHIGAN. A superior, pulverized pure sedge peat with an almost 3% nitrogen content. It is a natural, 98% organic plant-food, highly active with beneficial bacteria to release the plant food in the soil. Apply 100 lbs. of this excellent soil conditioner on 75 to 100 sq. ft. and work into top 4 inches of soil. Absorbs and holds lots of moisture and releases nitrogen slowly. Its use makes fertilizers more effective. On existing lawns top dress with 1/4 inch occasionally. 25 lbs. \$1.69; 50 lbs. \$2.49; 100 lbs. \$4.49; 500 lbs. \$21.50.

USE THESE SOLUBLE PLANT FOODS

Hyponex. Analysis 7-6-19. A clean, odorless soluble powder that makes complete plant-food immediately available. Dissolve 1 oz. in 6 gals. water and apply. Grows bigger plants, larger vegetables, many more flowers. Stimulates roots on all cuttings, reduces shock to transplants. Use in soil, sand or water (hydroponics). 3 ozs. 25c; 7 ozs. 50c; lb. \$1.



Potting Soil. Specially prepared with a high humus content for easy root penetration, enough sand for good drainage and is well enriched with rotted cow manure. 4 lbs. 50c; 1/2 bus. \$1.

Rootone. This plant hormone powder hastens and stimulates the natural tendency for roots to form on cuttings. When dusted on seeds and bulbs they will produce heavier root systems in less time, especially grass seed. 2 ozs. \$1; lb. \$5.

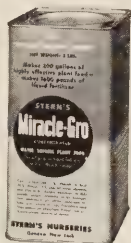
ROSE FOOD. This analysis 5-10-5. A balanced, high-organic food that nourishes the entire plant by adding vigor and so resistance to disease and insect injury. It produces more and finer roses with better color and size. Use 1/4 pound per rose per application. Apply 3 times per season. Do not feed after mid-September. 5 lbs. \$1; 25 lbs. \$3; 50 lbs. \$5; 100 lbs. \$9.



Salt Hay. For mulching tomato plants, vegetable rows, strawberries, raspberries, etc. Bales of odd weights at \$3.50 per 100 lbs.

Sand. For rooting cuttings. Mix with heavy soils for drainage. Place below bulbs to prevent rotting. 2 qts. 25c; pk. 80c.

Miracle-Gro. A powder that dissolves quickly and entirely making a splendid liquid plant food. It contains vitamin B-1 and all the minor elements. It is quickly absorbed by plant roots and invigorates their growth. Also spray on foliage as the available nitrogen is readily absorbed through the leaves. Use 1 tablespoonful in 1 gal. water. 1 1/2 lbs. \$2.25; 5 lbs. \$5.

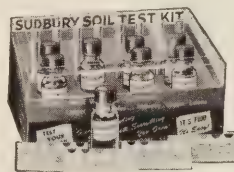


SHEEP MANURE. Analysis 2-1-2. Quick acting, clean and safe. Contains no weed seeds. For vegetables, rake in 200 lbs. per 1000 sq. ft. Broadcast 100 lbs. per 1000 sq. ft. over the old lawn or rake in 200 lbs. a day or two before seeding a new one. For liquid manure, use one pound to five gallons of water. 5 lbs. 55c; 10 lbs. 90c; 25 lbs. \$1.80; 50 lbs. \$2.95; 100 lbs. \$5.10; 500 lbs. \$24; 1000 lbs. \$44; ton \$82.

Soilife, Wetable. A soil conditioner which makes clay soil more friable and moisture retaining by binding together the tiny clay particles into small clumps. Helps prevent sun-crusting of clay soils after rain. Surface remains open to absorb water. Apply one pound, well stirred into 12 gals. of water, to 300 sq. ft. with a sprinkling can. 1/4 lb. \$1.60; 1/2 lb. \$2.50; lb. \$4.50; 2 lbs. \$8.25; 10 lbs. \$36.

Super-Phosphate. 18-20% Phosphoric Acid. For lawn roots use 25 lbs. per 1000 sq. ft. and water in. For corn, potatoes, root crops. 4 lbs. per 100-ft. row. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.25; 100 lbs. \$3.25; 500 lbs. \$14.

Transplantone. Reduces wilt and loss in transplanting and stimulates growth of new roots when setting out seedlings of annuals, perennials and vegetables, also shrubs and trees. 3 ozs. \$1; lb. \$4.



SOIL TEST KITS

These tell how to make your soil right and keep it right. A 10-minute test tells more than years of gardening. They show what kind and amount of fertilizer to give your soil, whether time is needed.

Popular Garden Kit. Contains complete equipment and instructions and solutions for 50 tests (nitrogen), phosphorus, potash and acidity (pH), \$5.85.

Horticultural Kit. For the advanced amateur, nurseries, growers, or greenhouses. Will make 200 individual tests. \$14.95.

Home Garden Kit. Complete with instructions and data on plant-food needs. For small place, will make 20 tests. \$9.95.

Acidity Test Kit. In 2 minutes you can tell the acidity of your soil. Contains full instructions. \$1.45.

Vermiculite (Terra-Lite).

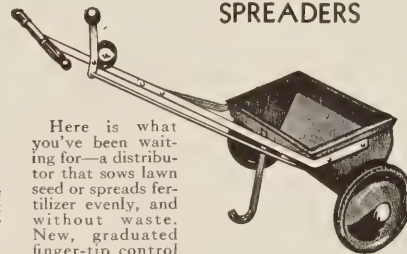
This is a sterile, inert, weed-free, mineral substitute for soil used in starting seeds and rooting cuttings. It contains very tiny air cells which absorb moisture and provide both air and moisture for the development of extra strong root systems. It helps prevent damp off, fungus and most soil-borne diseases. It is perfect for storing bulbs. It lightens heavy clay soils, gives body to sandy soils and is a splendid summer and winter mulch. 1/2 bus. 85c; 2 1/2 cu. ft. \$1.85; 4 cu. ft. \$2.25.



Viol-Ogen Kits. Complete for African Violet culture with 8 oz. rooting medium (to root 25 leaf cuttings and may be re-used); enough properly blended potting soil mixture for 10 3-in. pots; plant food to make 140 qts. liquid stimulant; and 4 oz. complete spray to control mealy bugs, mites, etc. Kits, \$2.95 each.

Wood Ashes, Hardwood. Rich in potash. For top-dressing lawns use 75 lbs. per 1000 sq. ft. For vegetables use 10 lbs. per 100-ft. row. Helps destroy ground insects. 10 lbs. 90c; 25 lbs. \$1.80; 100 lbs. \$5.75.

FERTILIZER AND LAWN SEED SPREADERS



Here is what you've been waiting for—a distributor that sows lawn seed or spreads fertilizer evenly, and without waste. New, graduated finger-tip control instantly adjusts flow for thin or dense applications.

Masters Distributor—20-lb. Capacity. For the home gardener who wants "something better" in a small spreader. Rubber tired steel wheels; tubular steel handle with rubber handle grip. Equipped with new "Fertilizer-Miser" control, \$10.25.

Masters Distributor—50-lb. Capacity. Finest lawn spreader ever developed. All steel. Tubular steel "T" handle with two bicycle-type rubber grips; rubber tired wheels. "Fertilizer-Miser" control, \$12.95.

FREE DELIVERY • Minimum Value \$4.

We deliver FREE, by our own delivery, all merchandise within the area shown on map on page 1. This includes all of Essex and Union Counties, part of Morris and Somerset Counties, and Kearny, Arlington, North Arlington and Lyndhurst.

We ship, transportation FREE to any point in the United States, only Vegetable Seed, Flower Seed and Lawn Seed Mixtures offered in this catalog.

In all other cases purchaser pays transportation charges by Parcel Post, Express or Freight (except Pot-grown Roses and all Plants, which we cannot ship).



A Kent Clover Lawn



A temporary lawn from Domestic Ryegrass

LAWN CLOVERS

Wild White Clover, New Zealand. The plants bear fewer blossoms than ordinary white Clover, grow very close to the ground, are tenacious and form a dark green, thick sward. $\frac{1}{4}$ lb. 50 cts.; $\frac{1}{2}$ lb. 95 cts.; lb. \$1.75; 10 lbs. \$16.

White Clover. A very hardy creeping perennial with dark green compact foliage. Used where it is difficult to produce a lawn with grass seed only. Use 1 lb. with 25 lbs. of lawn seed. $\frac{1}{4}$ lb. 40 cts.; $\frac{1}{2}$ lb. 75 cts.; lb. \$1.40; 10 lbs. \$13.

INDIVIDUAL GRASS SEEDS

New crop, re-cleaned to the highest purity and germination. Prices below are subject to change.

Benet, Highland (*Agrostis tenuis* var.). Dense matted sod binds well; strong underground runners. Sow 125 lbs. per acre. Lb. \$1.75; 10 lbs. \$16.50; 25 lbs. up at \$1.55.

Chewing's Fescue (*Festuca rubra fallax*). Mat-like, green, tough turf with needle-like, bristly leaves suited to moist soils. Does well in shade. For lawn, sow 40 lbs. per acre. Lb. \$1.30; 10 lbs. \$12; 25 lbs. up at \$1.10.

Chewing's Fescue, Penn State. An improved strain of superior quality developed by Penn State College. Lb. \$1.50; 10 lbs. \$14; 25 lbs. up at \$1.30.

Illahae Fescue. The toughest and most desirable of Creeping Fescues. Suitable for shade or sunny lawns. Very disease-resistant. Blends well with turf-grasses. Lb. \$1.70; 10 lbs. \$16; 25 lbs. up at \$1.50.

Kentucky Blue, Superfine (*Poa pratensis*). Suited to a variety of soils and used as pasture. It is green early in spring when other grasses are dormant. Sow 60 lbs. per acre. Lb. \$1.50; 10 lbs. \$14; 25 lbs. up at \$1.30.

Meadow Fescue (*Festuca pratensis*). Fine annual grass for permanent pastures. Succeeds well in all soils but does best on moist land. Sow 60 lbs. to the acre. Lb. 55 cts.; 10 lbs. \$5; 25 lbs. up at 45 cts.

Merion (B-27) Bluegrass. This new wonder grass is low growing, needs less frequent mowing and thrives under close mowing. It forms a dense, well-knit, hardy, deep green turf, highly resistant to crabgrass, and of very fine texture. It resists disease and tolerates heat and drought. High priced but economical as 1 lb. sows 800 to 1000 sq. ft. $\frac{1}{2}$ lb. \$2.85; lb. \$5.50; 5 lbs. \$26.25.

Redtop Fancy, Superfine (*Agrostis palustris*). Used for permanent pasture in a moist, rich soil. Sow 32 lbs. to the acre. Lb. \$1.20; 10 lbs. \$11; 25 lbs. up at \$1.

Rough-stalked Meadow (*Poa trivialis*). A spreading, thickly matting species; leaf blades narrow, flat and dark green. Forms a fine turf; adapted for shade on fairways under trees. Thrives on moist and stiff clay lands. Lb. \$1.20; 10 lbs. \$11; 25 lbs. up at \$1.

Ryegrass, Domestic. See Cover Crops below. Lb. 40 cts.; 5 lbs. \$1.50; 10 lbs. \$2.80; 25 lbs. up at 25 cts.

Ryegrass, Perennial. See under Cover Crops below. Lb. 45 cts.; 5 lbs. \$2; 10 lbs. \$3.75; 25 lbs. up at 35 cts.

Timothy (*Phleum pratense*). Perennial, 4 ft. high, thrives in moist loams. Sow 40 lbs. per acre. Lb. 45 cts.; 10 lbs. \$4; 25 lbs. up at 35c. (Bushel weighs 45 lbs.)

COVER CROPS FOR GREEN MANURING

These add valuable humus to your soil, prevent erosion and improve appearance.

Domestic Ryegrass. This makes a wonderful cover crop. It is quick growing and forms a heavy matted root system and thick grassy sod. If you sow 1 or 2 lbs. per 1000 sq. ft. from midsummer to early fall for green manuring you can turn the sod under early the following spring and add a lot of humus to your soil. To hasten the rotting down of the sod apply 5 lbs. of Nitrate of Soda per 1000 sq. ft. before turning the sod under. As Ryegrass makes very little growth until after frost it may be broadcast right over your vegetable garden when you make your last cultivation. It also makes a good temporary lawn sowing 5 lbs. per 1000 sq. ft. at any time of the year. Lb. 40 cts.; 5 lbs. \$1.50; 10 lbs. \$2.80; 25 lbs. \$6.25; 100 lbs. \$25.

Perennial Ryegrass, English. (*Lolium perenne*). Useful on slopes for its quick growth and tenacious roots. It forms a compact, coarse, very persistent sward that is bright green all season. Not recommended for permanent lawns as it is quite coarse but is very valuable for temporary lawns at low expense and is often used in other places where an inexpensive permanent cover is required. Sow 4 lbs. per 1000 sq. ft. Lb. 45 cts.; 5 lbs. \$2; 10 lbs. \$3.75; 25 lbs. \$8.75; 100 lbs. \$35.

Rosen Winter Rye. If you sow, from August through September 5 lbs. per 1000 sq. ft. it will quickly produce a good growth for turning under the following spring. This will add considerable humus to improve your soil. 5 lbs. 90 cts.; 10 lbs. \$1.60; 25 lbs. \$3.50; 100 lbs. \$12.

LAWN WEED AND GRUB CONTROLS

To keep your lawn free of weeds use these modern weed killers but follow directions carefully.

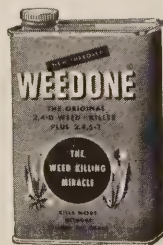
Double-O Crab Grass Killer. Contains 76% Potassium cyanate, the latest and best of all crab grass controls. Apply locally by sprayer only where crab grass appears in established lawns when in active growth. For seedlings repeated doses are needed as seed germinates over several weeks. Use when grass is dry but soil is slightly moist. Apply for seedlings 2½ ozs. in 5 gals. water on 750 sq. ft.; for mature weeds 5 ozs. in 5 gals. water on 750 sq. ft. 5 ozs. \$1; 1½ lbs. \$4.

Synklor-50W. Gives a fast control of lawn insects. Kills by contact and the residual action remains for a long period. To control ants, Japanese beetle and other grubs, chinch bugs, etc. in the lawn sprinkle with $\frac{1}{2}$ lb. Synklor-50W in 25 gals. of water on 1000 sq. ft. and wash into turf with water. $\frac{1}{2}$ lb. \$1.50; lb. \$2.50.

Weedone Improved, 2,4-D plus 2,4,5-T. This weed killing miracle destroys many varieties of weeds. No vapors to injure nearby flowers or shrubs. It quickly and selectively destroys dandelion, wild onion, plantain and other lawn weeds without killing the lawn grasses. In stronger solution it kills poison ivy, wild honeysuckle, ragweed, dock and others. Devote sprayer to this alone. 8 ozs. \$1; qt. \$2.75; gal. \$6.95.

Zotox. Kills crab-grass plants and seeds without destroying permanent lawn grasses. This treatment, when directions are carefully followed, may temporarily discolor the turf but after a few days it regains its natural color while the crab-grass is dead. 16 ozs. with 10 gals. water treats 2000 sq. ft. Apply after July 15. 8 ozs. \$1; 16 ozs. \$1.50; 32 ozs. \$2.50.

See Ground Covers on page 21



Four of the best lawn controls

HARDY GARDEN CHRYSANTHEMUMS

There is nothing to excel these in satisfaction or to bring color to the garden in the fall of the year. They like rich soil, lots of sun and water. The varieties offered below are the best in color and type, and will make a tremendous show for a small outlay. Our plants, ready in May, are in 3-inch pots with well-developed root-systems.

You can make your own selection and take them with you, or send in your order and we will deliver, if you live within our delivery area. See Free Delivery on pages 1 and 5.

	Color description	Height	In Bloom	Each	3 for	Doz.
CUSHION MUMS or AZALEAMUMS						
Bronze Mound	Beautiful compact bronze of varying shades.	12-15 in.	Sept. 5	.50	\$1.35	\$5.00
Hollymum	Excellent rich yellow; foliage like American Holly.	12-15 in.	Sept. 25			
Major Cushion	Deep rose-pink, 2-in. flowers paling very little.	12 in.	Sept. 10			
Red Cloud	Best red cushion; showy 2½-in., rich velvety red.	12-15 in.	Sept. 20			
White Mound	Plants covered with 2-in. white, rounded pompons.	12-15 in.	Sept. 1			
POMPON VARIETIES						
*Bowl o' Gold	Low mounds, 2 ft. across of golden yellow globes.	12 in.	Sept. 15	\$0.90	2.50	9.00
Canary Wonder	Huge sprays of canary-primrose yellow 1½-in. globes.	2 2½ ft.	Sept. 25	.60	1.65	6.00
Chiquita	Fine compact, domed flower of deep lemon yellow.	20 in.	Sept. 25	.50	1.35	5.00
Fred F. Rockwell	Bronze and orange-scarlet tones; prolific; resists frost.	2 ft.	Oct. 1	.75	2.00	7.50
Jubilee	Informal 1½-in. glowing red turning clear deep red.	1½ ft.	Oct. 1	.75	2.00	7.50
Masquerade	Compact mauve-rose buttons with purple-red center.	2 ft.	Sept. 25	.60	1.65	6.00
Rosita	Symmetrical plants; neat light Persian rose buttons.	2 ft.	Sept. 20	.50	1.35	5.00
*Snow Elf	Gleaming white, 1½-inch pompons in airy sprays.	2½ ft.	Oct. 10	.60	1.65	6.00
DOUBLE VARIETIES						
*Admiration	Peach-salmon-fawn flushed red-gold, 3 in. diam.	2½ ft.	Sept. 25	.90	2.50	9.00
Alex Cumming	Superb 4-in., pure cerise flowers maturing rose.	2½ ft.	Oct. 1	.75	2.00	7.50
Avalanche	Magnificent, pure white, fluffy, over 3½-in. across.	18 in.	Sept. 20	.50	1.35	5.00
Betty	Semi-double fine apple-blossom pink, upright plant.	2 ft.	Sept. 20			
Charles Nye	Bright golden yellow, 2½ in. across, ball shaped.	2½ ft.	Sept. 25			
Courageous	Vivid crimson-red, 3½-in. flowers which last well.	2½ ft.	Oct. 1			
Fascination	Silvery lavender-pink 4-in. flowers; center deeper.	2 ft.	Sept. 25			
Flaxen Beauty	Peach, yellow, coral; gold tinted center, 4-in. diam.	2 ft.	Oct. 1	.60	1.65	6.00
Fortune	Very double, cream-white-pearl blend, 3½ in. diam.	2½ ft.	Oct. 5	.60	1.65	6.00
*Gondolier	Claret overlaid with crimson-vermilion, 3½ in. diam.	2½ ft.	Sept. 25	.90	2.50	9.00
Huntsman	Scarlet-orange shaded walnut-bronze; 3-in. double.	2½ ft.	Oct. 10	.50	1.35	5.00
Ivory Glow	Very double, creamy white 3-in. with recurved petals.	2 ft.	Oct. 1			
Joan Helen	Sparkling garnet shading to purple, 2½-in., semi-dbl.	1½ ft.	Sept. 15			
Lavender Lady	Fine pure lavender, 3-in., full-double flowers.	2½ ft.	Oct. 5			
Lee Powell	Fluffy Chinese-yellow, 4½-in.; center tinged orange.	2½ ft.	Sept. 20			
Moonbeams	Cream-yellow, 3 in. across, with primrose center.	2½ ft.	Oct. 1	.60	1.65	6.00
Patricia Lehman	Fluffy, recurved, geranium pink centered peach.	2 ft.	Oct. 1	.60	1.65	6.00
Pink Surprise	Wide plant loaded with 2-in. clear pink, dbl. flowers.	2 ft.	Sept. 1	.50	1.35	5.00
Red Velvet	Full-double, rich velvety crimson-red flowers.	2½ ft.	Oct. 5	.50	1.35	5.00
*Reverie	Maple-walnut tinted coral-buff; mahogany eye	2 ft.	Sept. 25	.90	2.50	9.00
Ronald	Grand 3-in. double blooms of vivid clear claret color.	2½ ft.	Oct. 15	.50	1.35	5.00
Spindrift	Double 3-in. white flower with soft creamy center	1½-2 ft.	Oct. 1	.75	2.00	7.50
Success	Unfading, brilliant crimson, full 3 to 4 in. blooms.	2½ ft.	Oct. 1	.60	1.65	6.00
Vanguard	Huge 4-in. golden yellow flowers faintly tinted russet.	2½ ft.	Oct. 5	.50	1.35	5.00
Violet	Glowing wine-purple, double 2½-in. flowers.	2 ft.	Sept. 15			
Yellow Avalanche	Sprays of big, fluffy soft yellow flowers, 3½-in. across.	2 ft.	Sept. 20			
SPOON VARIETIES						
Lilac Spoon	Wide, lilac-pink spoon with silvery white tubes.	2 ft.	Oct. 1	.50	1.35	5.00
Peach Spoon	Peach with Chinese-yellow tubes aging peach-pink.	2 ft.	Oct. 5			
White Spoon	Large, handsome white with creamy center.	20 in.	Oct. 1			
Yellow Spoon	Large, golden yellow flowers 3½ in. across.	2 ft.	Oct. 1			

*1953 Bristol Introductions

See Our Hardy Chrysanthemums in Full Bloom Next Fall!

Plants will be for sale in full bloom and may be moved to your fall garden without set-back.

Chrysanthemum,
Spindrift

Chrysanthemum,
Alex Cumming

Chrysanthemum,
Fascination

Chrysanthemum,
Bowl o' Gold

BETTER THAN ELSEWHERE—FOR PLANTS WITH THAT GROWN-IN EXTRA QUALITY

Forbes Plants give a perfect result in your garden. All are started under ideal conditions. For better root development, they are grown on slowly in coldframes. We use no short-cuts. That's why Forbes Plants have that grown-in extra quality. Try them.

STOP AT . . . FORBES GARDEN CENTERS

Route 10, Hanover, N. J. • Open from March 2 on
Morris Turnpike, Millburn, N. J. . . . Open all year

★ IMPORTANT NOTICE ★

All plants are delivered free within our delivery area (See page 1) if your order totals \$4 or more. We cannot ship any plants to points outside of our delivery area.

FORBES FLAT-GROWN ANNUAL FLOWER PLANTS

You will find below many of the hard-to-get bedding plants. These are well-developed, strongly rooted, superior plants that have been hardened off before you get them.

These are ready after May 1. There are about 48 plants in a flat of *Ageratum*, *Alternanthera*, *Balsam*, *Cynoglossum*, *Dahlias*, *Nicotiana*, *Ruffled* and *Large Petunias* and *Salvia*; about 60 in a flat of *Calendula*, *Gaillardia*, *Bedding Petunias* and *Salpiglossis*; and about 70 in all the others.

Ageratum , Dwarf Blue. For Doz. Flat edgings, rock gardens. 6 in. \$0 80 \$2 60	Dahlia , Unwin's Dwarf Mixed. Doz. Flat For borders, cutting. 2 ft. \$0 80 \$2 60	Nicotiana , Daylight Mixed. All Doz. Flat new bright shades. Ht. 2 ft. \$0 80 \$2 60	Salvia , Farinacea Blue Bedder. Doz. Flat Lavender-blue Sage. 3 ft. \$0 80 \$2 60
Dwarf White. A perfect companion for the blue. 6 in. . . 80 2 60	Gaillardia , Double Lorenziana. 65 2 35 Mixed ball flowers. 18 in. . .	Petunia , Balcony. Mixed. For window boxes, walls. 18 in. 65 2 35	Bonfire. (Scarlet Sage). Vivid scarlet spikes. Ht. 2 ft. . . . 80 2 60
Alternanthera , Brilliance. Red foliage. Shear for edging. . . 90 3 25	Larkspur , Giant Imperial Mixed. 65 2 35 A must for cutting. Ht. 3 ft.	Petunia , Flaming Velvet. Rich blood-red. Large. Ht. 18 in. 65 2 35	St. John's Fire. Very early of brightest scarlet. Ht. 1 ft. . . 80 2 60
Alyssum , Dwarf White. For margins, rock-gardens. 6 in. 65 2 35	Lobelia , Dwarf Blue Stone. Neat edgings, rock gardens. 5 in. . 65 2 35	Petunia , Dwarf Bedding. Blue Mound. Mid-blue. 12 in. . . 65 2 35	Scabiosa , Giant Imperial Mixed. For cutting; borders. 3 ft. . 65 2 35
Royal Carpet. Vibrant purple. Plants 10 in. across. 4 in. . . 80 3 65	Marigold , Dwf. Dbl. African. Cupid, primrose-yellow. 6 in. . 65 2 35	Celestial Rose. A bright rose-pink. Very popular. 13 in. 65 2 35	Snadragon , Half Dwarf Mixed. Borders; cutting. 18 in. . . 65 2 35
Violet Queen XXX. Round for edgings, rock gardens. 6 in. 65 2 35	Marigold , Dwf. Dbl. French. Gold Crest. Gold-yellow. 9 in. 65 2 35	Fire Chief. Spectrum-red and scarlet-red glow. Ht. 12 in. 65 2 35	Giant Tetra Mixed. Largest of all, huge flowers. 3 ft. . . 65 2 35
Aster , W. R. Branching Mixed. Borders and cutting. 3 ft. . . 65 2 35	Scarlet Glow. Deep scarlet aging rich tangerine. 10 in. 65 2 35	Rosy Morn. Bright rosy pink with white throat. 10 in. . . 65 2 35	Stocks , Giant Bismarck Mixed. Fragrant, in pastels. 2½ ft. 65 2 35
Balsam , Dwarf Bush Mixed. Dwarf borders, etc. Ht. 10 in. 80 2 60	Spry. Mahogany-red, yellow centers for borders. 9 in. . . 65 2 35	Silver Medal. Deep salmon; salmon-cerise sheen. 12 in. 80 3 25	Torenia , Fournieri. Sky-blue snap flowers; edging. 10 in. . 80 2 60
Calendula , Lemon or Orange. Borders, cutting. Ht. 18 in. . 65 2 35	Sunkist. Rounded, deep golden orange over all. Ht. 9 in. . 65 2 35	Snow Queen. Pure white, free-flowering plants. 13 in. 65 2 35	White Fournieri . Spotted. Fine for shady edges. 10 in. . 80 2 60
Carnation , Giant Mixed. For borders and cutting. 20 in. . 65 2 35	Yellow Pygmy. Light yellow for margins, borders. 8 in. . 65 2 35	Viola. Deep violet-blue of good size. Uniform. 13 in. . 65 2 35	Verbena , Dwarf Mixed. Bright heads on 8 in. plants. . . . 65 2 35
Celosia , Dwarf Fiery Feather, red; and Golden Feather. 1 ft. 80 2 60	Marigold , Dwarf Single. Flash. Tangerine-red-bronze. 1 ft. . 65 2 35	Mixed. Nicely balanced colors for bright borders. 13 in. . . 65 2 35	Zinnia , Burpee Hybrids Mixed. Huge, shaggy pastels. 3 ft. . 65 2 35
Centaurea , Dwarf Double Jubilee Gem, deep blue. 1 ft. . 65 2 35	Sunny. Bright yellow, 2-inch flowers, edges waved. 15 in. . 65 2 35	Petunia , Large, Dwf. Elk's Pride. Big violet-blue. 12 in. 80 2 60	Dwarf Double Mixed. Flowers 2 inches across. 18 in. . . 65 2 35
Dwarf Double Mixed. All the available colors. Ht. 1 ft. . . 65 2 35	Marigold , Large, Guinea Gold. Double orange-gold. 2½ ft. 65 2 35	Snowstorm. Big white; waved edges, cream throat. 14 in. . 80 2 60	Fantasy Mixed. Shaggy, ray-like curled petals. Ht. 2½ ft. 65 2 35
Blue Boy. Large, double, blue. Cornflowers. Ht. 3 ft. . . . 65 2 35	Glitters. Like Mammoth Mum but golden yellow. 2½ ft. . 65 2 35	Petunia , Ruffled. Little Giants Mixed. 2-in. flowers. 10 in. 80 2 60	Giant Mixed. Huge double in attractive colors. Ht. 3 ft. . . 65 2 35
Super Giant Mixed. Contains all the available colors. 3 ft. . 65 2 35	Mammoth Mum. Pale yellow incurved petals, huge. 3 ft. . 65 2 35	Dwarf Giants of California. A huge ruffled mixture. 12 in. 80 2 60	Lilliput, Pastel Mixed. Deeply globed, double. 18 in. . . 65 2 35
Cleome , Giant Mixed. For pink and white backgrounds. 4 ft. 65 2 35	Sunset Giants, Mixed. Shades of orange and yellow. 4 ft. . 65 2 35	Portulaca , All-Double Mixed. For hot sunny spots. 6 in. . 65 2 35	Persian Carpet Mixed. Petal tips in contrast color. 12 in. . 65 2 35
Cosmos , Sensation, Mixed. Contains pink, red, white. 4 ft. . 65 2 35	Yellow Supreme. Carnation-like, cream-yellow. 2½ ft. . 65 2 35	Salpiglossis , Candelabra Mxd. Rich colors, veined. 2½ ft. . 80 2 60	Tom Thumb Mixed. Perfect for edging, compact. 6-8 in. 65 2 35
Cynoglossum , Mixed. Contains blue, pink and white. 15 in. . 80 2 60	Nicotiana a'l'nis, White. Fragrant, fine in masses. 3 ft. . 80 2 60		

FLAT-GROWN VEGETABLE PLANTS

Tomatoes are ready after May 1, Eggplants, Peppers about May 15, the rest about April 15. There are about 60 in a flat of Eggplants, 70 in a flat of the others.

Broccoli, Green Sprouting.
Brussels Sprouts, Catskill.
Cabbage, Copenhagen Market.
Cabbage, Red Acre.
Cabbage, Late, Wisc. Hollander.
Cauliflower, Reliance.
Celery, Golden Plum.

Celery, King Pascal (green).
Eggplant, Jet Black Beauty.
Kohlrabi, White Vienna.
Lettuce, Bibb.
Lettuce, Great Lakes (Iceberg).
Lettuce, White Boston.
Lettuce, Romaine Cos.

Parsley, Double Curled.
Pepper, California Wonder.
Tomato, Early Jersey, Marglobe, Ponderosa, The New Queens, Rutgers, Golden Jubilee, and Italian Red Plum.

Flat-grown Vegetable Plants above, 60c per doz.; \$2.35 per flat.

POT-GROWN VEGETABLE PLANTS

Cucumber, Market; **Eggplant**, Jet Black Beauty; **Muskmelon**, Golden Delight; **Parsley**, Double Curled; **Pepper**, California Wonder; **Squash**, Butternut, Des Moines (Acorn), Straightneck; **Tomato**, Early Jersey, Golden Jubilee, Marglobe, Rutgers, Ponderosa (Beef-steak), Queens; **Watermelon**, New Hampshire Midget.

All from 3-in. pots, Each 20c; 3 for 55c; \$1.80 per doz.; 100 for \$14.
50 or more at the 100 price.

Asparagus Roots, Mary Washington. Straight, dark green shoots tinged with purple. Rust-resistant, vigorous, fine quality. Set 12 in. apart in rows 2 to 3 ft. apart with buds a half-inch below surface, in rich well drained soil. Cut sparingly the first year. 2-year roots, 25 for \$1.45; 50 for \$2.65; 100 for \$4.75.

Rhubarb Roots, MacDonald. Thin-skinned, bright red stalks of low acidity and delicate flavor. Vigorous. Set 2 ft. apart in rows 3 ft. apart in heavily manured, rich soil. Keep flower stalks cut back. Each 75c; 3 for \$2.

POT-GROWN BEDDING FLOWER PLANTS

These plants are unusually well-rooted and established in pots of ample size for fine development. They will, without any check, continue their sturdy growth in your flower bed or window box. In comparing with other offers please note that our pot sizes are larger than is usual thus assuring you of heavier, stronger root systems.

Begonia, Tuberous-rooted. Fine for shaded window boxes and borders. Ht. 1 ft. Offered in 4-in. pots.
Double Camellia-flowered. Beautiful waxy, Camellia-like, double flowers in lovely shades. Fine for cutting. In **Rose, Salmon, Scarlet, White and Yellow.** 55c each; 3 for \$1.50; \$5.50 per doz.; 25 for \$11.

Begonia, Bedding. For dwarf beds, edgings. Waxy leaves, abundant bloom. Ht. 10 in. **Bright Pink, Red, or White** in 3-in. pots. 35c each; 3 for \$1; \$3.50 per doz.

Begonia, Lloydii. Trailing, for hanging baskets, window boxes or rock gardens in half or full shade, with 3-inch flowers all summer. **Rose, Scarlet, White and Yellow.** 4-in. pots. 55c each; 3 for \$1.50; \$5.50 per doz.

Caladium, Fanc-Leaved. Foliage plants for shade or half-shade. Ht. 15 in. 4-in. pots. 70c each; \$7 per doz.

Cannas. For sun. **Hungaria** (Salmon-pink), **King Humbert** (orange-scarlet), **President** (red), **Yellow King Humbert.** 5-in. pots. Each, 3 for \$1; \$3.50 per doz.; \$25 per 100.

Coleus, Bedding Mixed. Varied forms for bright sunny border edgings. 3-in. pots. \$2.50 per doz.; \$19 per 100.

Dahlia, Unwin's Dwarf Mixed. Beautiful for borders or cutting. Ht. 2 ft. 4-in. pots. 45c each; \$4.25 per doz.

Daisy, Boston Yellow. (Marguerite.) Long lasting, light yellow. 3-in. pots. 40c each; 3 for \$1.10; \$3.75 per doz.

Fuchsias. For half shade in light soil. Fine for porch boxes and borders. Bloom all summer. In 5 fine varieties. 4-in. pots. 75c each; 3 for \$2.10; \$7.75 per doz.

Geraniums. Salmon-pink, Light red, Dark red, and White. 4-in. pots. Price to be established May 1st.

Gloxinias. Colorful velvety flowers for house plants or half-shaded garden. **Violet edged white; White edged violet; Scarlet edged white; White edged scarlet; Violet, Scarlet, White and All colors Spotted.** In 4-in. pots. All, 60c each; 3 for \$1.65; \$6 per doz.

Heliotrope, Royal Fragrance. For window boxes, borders. Very fragrant. 4-in. pots. 45c each; 3 for \$1.20.

Impatiens, Holsti. Nice for continuous bloom throughout summer in shaded borders. Ht. 1½ ft., 3-in. pots.

Orange-salmon, Deep Pink, or White. Any of these unusual colors, 35c each; 3 for \$1; \$3.50 per doz.

Ivy, Baltica. Perfectly hardy, for walls or ground cover. Graceful. 4-in. pots. 60c each; 3 for \$1.65.

English. Fine for wall and ground covers even in dense shade. Hardy. 4-in. pots. 60c each; 3 for \$1.65.

Lantana. For sun. **Deep Pink, Orange, Red, Yellow, White.** 4-in. pots. 50c each; 3 for \$1.35; \$4.75 per doz.

Morning-Glory, Heavenly Blue, huge sky-blue; **Pearly Gates,** white; **Scarlett O'Hara,** rose-crimson. 3-in. pots. 25c each; 3 for 60c; \$2 per doz.

Petunia, All-Double Dwarf, Mixed. Very large, double, fringed flowers in rose, purple, burgundy, pink, salmon, mauve, and white on dwarf, compact plants. Ht. 1 ft. 4-in. pots. 50c each; 3 for \$1.35; \$4.75 per doz.

Petunia, Ballerina. All-America, 1952. A dwarf, single F₁ hybrid with beautifully fringed, deep salmon-pink, 3½-inch flowers on compact, 10-inch plants. 4-in. pots. 50c each; 3 for \$1.35; \$4.75 per doz.

Petunia, Comanche. All-America, 1953. The reddest of all—non-fading, vivid scarlet-red on 13-inch plants for bedding. 4-in. pots. 50c each; 3 for \$1.35; \$4.75 per doz.

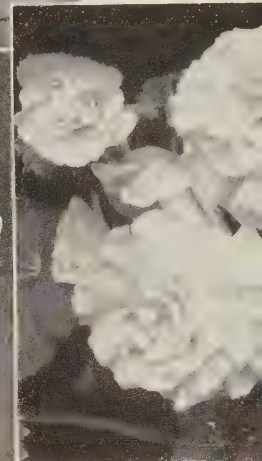
Petunia, Dwarf California Giants. Huge fringed flowers, beautifully ruffled and waved, usually over 4 inches across and produced in great abundance. Ht. 1 ft. 4-in. pots. 40c each; 3 for \$1; \$3.50 per doz.

Rose Geranium. Fragrant house or border plants. 4-in. pots. **Pink.** 45c each; 3 for \$1.20; \$4.25 per doz.

Vinca variegata. Green- and white-leaved trailing, for window boxes. 4-in. pots. 55c each; 3 for \$1.50; \$5.50 per doz.



Petunia, Dwarf California Giants



Begonia, Double Camellia-Flowered

Vinca Variegata



Strawberries, Sparkle

HERB PLANTS

Here is a nice selection of the most useful plants for your Herb Garden. Those shown in the left column are either annuals or tender perennials and will not live over winter here. For herbs more easily grown from seed, see page 58 under Vegetable Seed.

PLANT THESE EVERY YEAR

Basil, Sweet. Broad-leaved. Spicy tasting leaves for salads and when dried for flavoring soups, etc.

Lemon Geranium. The leaves have a delightful lemon scent and are fine in bouquets and as pot plants.

Parsley, Extra Double Curled. For garnishing and seasoning.

Rosemary. Fragrant odor and warm pungent taste for flavoring meats, stews and for seasoning.

Summer Savory. Dried leaves and flower-tops for dressings; flavoring meats. When green for salads.

Sweet Marjoram. Young tender leaves are good in salads and when dried flavor soups, dressings, etc.

All above, in 3-in. pots, 15c each; \$1.65 doz.

THESE LIVE YEAR AFTER YEAR

Asperula odorata (Sweet Woodruff). 50c each; 3 for \$1.35.

Chives. To flavor cheese, soups, stews. 45c each; 3 for \$1.20.

Lavender (Lavandula Spica). 55c each; 3 for \$1.50.

Monarda (Bergamot). Scarlet or pink. 50c each; 3 for \$1.35.

Nepeta (Catnip). Pungent odor. 50c each; 3 for \$1.35.

Peppermint and Spearmint. 50c each; 3 for \$1.35.

Sage (Salvia officinalis). Seasoning. 50c each; 3 for \$1.35.

Santolina, incana or viridis. For edging. \$5.50 per doz.

Tarragon, True French. For vinegar. 55c each; 3 for \$1.50.

Thyme (Thymus vulgaris). Seasoning. 50c each; 3 for \$1.35.

Valeriana. White or Rose. 50c each; 3 for \$1.35.

For above also see pages 13 to 20

STRAWBERRY PLANTS

Here are the leading sorts, best for North Jersey. Set plants 18 in. apart in rows 3 to 4 ft. apart in any good garden soil with plenty of moisture. Give shallow cultivation frequently and mulch, particularly over winter. *Plants are dug to order.*

Streamliner. (Everbearing.) Large; bright red of very good quality and flavor. Gives an excellent yield.

Above, \$1 doz.; 50 or more at \$6.95 per 100

Fairfax. (Early.) Large, dark berries of super flavor and quality. Vigorous, healthy, productive and hardy.

Sparkle. (Midseason.) Best for New Jersey and best for freezing. Very productive, large glossy sparkling red.

Fairpeake. (Late.) Good-sized, firm, rich red of fine flavor in abundance, especially on moist soil.

Previous 3, 70c doz.; 50 or more at \$4.50 per 100





Lilium candidum



Daphne cneorum



↑ Delphinium
Pacific Giant
Hybrid

FORBES DAPHNE

Planted in front of evergreens or shrubs, or nestled among rocks in your rock garden, these highly desirable dwarf evergreen shrubs, only 12 inches high and of spreading habit, are covered with rose-pink flower clusters of delightful fragrance in late April and May and often again in early fall. Valued not only for the beauty of the bloom but particularly for their sweet perfume they will prove to be a real joy in your garden.

Daphne Cneorum (Garland Flower). 6 to 8-inch head diam. \$1.60 each; 3 for \$4.50; \$17 per doz.; 8 to 12-inch head diam. \$2.25 each; 3 for \$6.45; \$24.50 per doz.

Culture: Plant in a well-drained, sandy or gravelly, enriched loam to provide good drainage. They seem to resent the intense hot noon sun but otherwise do well in either sun or partial shade. They probably prefer a slightly alkaline pH but also thrive in a slightly acid soil. Avoid an extreme pH. Water sparingly in summer. Daphne Cneorum are hardy but to keep the evergreen foliage in good shape, protect it with a pine branch or straw during the coldest of winter. A mulch of peatmoss induces stem rooting and produces a larger clump. Light pruning of only the growing shoots keeps the head more compact.

DELPHINIUM PLANTS IN POTS

Whether in background border groups or above the pure whiteness of madonna lilies, Delphiniums raise their proud majestic spikes in June for your sheer enjoyment. They are perfectly hardy and when happily located will improve in size and beauty with the years.

Belladonna Improved or Cliveden Beauty. This is a marked improvement over the original strain, with loose spikes of large flowers of iridescent, light turquoise-blue on plants 4 feet high. One of the easiest to grow and delightful for cutting.

Bellamosum Improved. Really a dark blue form of the Belladonna, this is very uniform in color with loose spikes, often 2½ inches across. They are excellent for June cut flowers and grow from 3 to 4 feet high.

Blackmore and Langdon's Giant Exhibition Hybrids. Developed by the English specialists, these grow to a height of 6 feet with solid, erect spikes of very large florets in delightful shades of blue, mauve, lavender, lilac, violet and purple.

Hollyhock-flowered Wrexham Hybrids. Another English strain with flowers of superb size, exquisitely proportioned on tapered, 6-foot spires. The florets come in lovely tones of blue, mauve, lilac, purple and violet in wonderful variations.

Any of the above 4, 65c each; 3 for \$1.80; \$6.50 per doz. established in 6-inch pots

Pacific Giant Hybrids. A remarkable strain with huge well formed, 2½-inch florets, nearly all double, evenly spaced on well-balanced, compact, tapering, 6 to 7-foot spikes with thin stems. They are comparatively mildew-resistant and the finest strain for garden display. We offer these plants in separate colors: **Black Knight**, dark blue, black bee; **Galahad**, all white; **King Arthur**, violet, white bee; and **Summer Skies**, light blue, white bee.

Any of the Pacific Giants, 85c each; 3 for \$2.40; \$9 per doz. in 6-inch pots

Culture: Delphinium require excellent drainage and very deep soil, enriched with rotted manure for good root development. They thrive best in a light to medium soil which must be alkaline. To maintain this condition apply pulverized limestone lightly on the surface two or three times a season. Locate them in sun and feed with a 5-10-5 fertilizer in March. You will have best results if you start with pot-grown plants. After the June bloom has faded, cut the stalks back just above the leaves. After 2 or 3 weeks' rest, feed again with fertilizer. The new growth, thinned to 3 or 4 strong shoots, will give fall bloom. Plant in groups of 3 to 6 plants for best garden effect but allow 15 inches between plants for proper ventilation. In dry, hot summer supply ample water. Provide stakes, particularly for the tall sorts.

HARDY LILIES IN POTS

Lilies, with their wonderful beauty are hardy thrifty flowers and appear best against shrubbery or evergreens. They thrive in well-drained borders and bloom in midsummer when fine flowers are scarce.

Candidum. Madonna Lily. These fragrant, snow-white flowers, 6 to 20 on a stem, come in June in sun or part shade, and are beautiful companion plants to delphinium. Ht. 4 ft. 75c each; 3 for \$2.10; \$7.50 per doz.

Henryi. Up to 20 light orange-yellow, funnel flowers with brown spots, in August and September, in sun or half shade. Ht. 6 to 8 ft. 65c each; 3 for \$1.80; \$6.50 per doz.

Thunbergianum, Mahogany. Attractive upright, reddish brown flowers on dwarf, disease-free plants in June and July. Ht. 1 to 1½ ft. 65c each; 3 for \$1.80; \$6.50 per doz.

Umbellatum. Sturdy 2-foot plants with upright umbels in June and July. Like sun. **Golden Fleece**, yellow with tan spots; **Orange Triumph**. Each 75c each; 3 for \$2.10; \$7.50 per doz.

DWARF IRIS PLANTS IN POTS

These hardy Iris are excellent for edging plants and rock gardens. They multiply rapidly, bloom profusely, require no care and thrive in any garden soil. All combine superbly with other spring flowers.

Miniature Early Iris

Bloom in April in sun or half-shade; 6 inches high.

Atrovioleacea. An early, free-blooming, rich wine-red.

Betsy Presby. Deep bright yellow of perfect form.

Coerulea. Beautiful bright sky-blue. Very attractive.

Huron. Blue-purple standards; blue-black falls. Superb.

The Bride. Free-flowering; very fine pure white.

Any of above, 50c ea.; 3 for \$1.35; \$4.75 doz.

Iris Pumila

In sun or half-shade; 9 inches high; in April and May.

Excelsa. Pale lemon-yellow; contrasts with other colors.

Sambo. A very distinct and showy dark violet-blue.

Schneecuppe. Large, showy, free-flowering, pure white.

Any of above, 50c ea.; 3 for \$1.35; \$4.75 doz.

Iris Cristata. Creeping, 4 inches high; amethyst-blue, in May in shade. Ground cover. 3 for \$1.35; \$4.75 doz.

FORBES HARDY AZALEAS

There are few garden effects which surpass the beauty of well placed plantings of Hardy Azaleas. When covered with bloom in the spring they present a sight long to be remembered. Those below are perfectly hardy here if (1) planted in acid, peaty soil with excellent drainage, (2) heavily mulched and never cultivated, (3) deeply watered in summer and late fall.

Coral Bells. A beautiful, free-flowering, evergreen variety with small foliage and a wealth of coral-pink flowers with deeper centers in May. Ht. 3 ft.

Fedora. Small, evergreen foliage with large rose-pink delightful flowers in May in great numbers on well-formed plants. Ht. 4 ft.

Hinodegiri. The most popular, with brilliant carmine-scarlet flowers produced so profusely in May as to completely cover the evergreen foliage. Ht. 4 to 5 ft.

Ledifolia alba (Indica alba). Deep evergreen foliage and a profusion of very large, pure white flowers in May blooming with Hinodegiri. Ht. 4 to 5 ft.

Othello. This extra-hardy one has deep green, glossy evergreen foliage and a profusion of fine brick-red flowers in May. Ht. 4 ft.

Mollis, Assorted. Not evergreen, this Chinese Azalea is noted for its delicate yellow, golden salmon, pink and red flowers in May and June. Tolerates lime. Ht. 3 to 5 ft.

Any of the above 8, 12 to 15 inch, \$3.95 each, 5 for \$18; 15 to 18 inch, \$5.95 each, 5 for \$27.

Culture. Locate Azaleas in half-shade where they are protected from strong winds or hot sun both of which cause the evergreen leaves to transpire water faster than the roots can absorb it. As they are shallow-rooted never cultivate but provide a four-inch mulch of peat moss or oak leaves to prevent weeds, conserve moisture and prevent the deep moisture from freezing in winter. They must have excellent drainage; a soil with 50 per cent organic material such as peat moss or decayed leaves and this must be constantly acid (between pH 4.5 and pH 5.2) using Aluminum Sulphate for this purpose. They require deep saturation during hot weather and before the ground freezes. Before setting plants prepare soil to a depth of 18 inches with a bottom of cinders to give drainage and keep out worms.



Double
Peony

PEONY PLANTS IN POTS

Supremely beautiful and of life-long permanence, Peonies form the basis of every well-considered flower-garden. As individual clumps or in borders in front of shrubbery they are magnificent in flower and handsome in foliage throughout the season. And they can be depended upon to bloom for many, many years.

DOUBLE VARIETIES

Festiva Maxima. 9.3. White; center marked crimson. \$1.45 each; 3 for \$4.

Karl Rosenfield. 8.8. Very bright crimson. \$1.45 each; 3 for \$4.

Longfellow. 9.0. Fadeless, bright crimson. \$1.75 each; 3 for \$4.95.

Mons. Martin Cahuzac. 8.8. Dark purple-garnet. \$2.25 each; 3 for \$6.45.

Primevere. 8.6. Creamy yellow; sulphur center. \$1.75 each; 3 for \$4.95.

Sarah Bernhard. 9.0. Deep rose tipped silver. \$1.45 each; 3 for \$4.

Savage. 9.7. Waxy white with golden-brown center. \$1.45 each; 3 for \$4.

Walter Faxon. 9.3. Delightful salmon-rose. \$1.75 each; 3 for \$4.95.

SINGLE VARIETIES

Le Jour. 8.8. Two rows of long, wide overlapping white petals. \$1.75 each; 3 for \$4.95.

Mischief. 8.7. Late; huge light pink with attractive golden center. \$1.75 each; 3 for \$4.95.

Pocahontas. 8.2. Late; tall rose-red single. \$1.45 each; 3 for \$4.

Culture. Plant 3 feet apart in a fertile, well-drained, moderately heavy, deep soil in a sunny or lightly shaded location. Dig a hole 2 to 2½ feet wide and 2 feet deep. Mix half the soil with plenty of old, well-rotted manure and a 4-inch potful of bonemeal. Backfill this and tamp down hard. Thoroughly mix the remaining half of soil with a shovelful of wood ashes, a handful of bonemeal, a lot of humus and a little limestone. Backfill and tamp hard. Further settle with water for a few days. Set our Potted Plants with the soil level of pot even with garden soil level. Set wire rings on stakes to support plants. Irrigate deeply during May and again in Aug.-Sept. Mulch over winter and avoid late spring freezes. Divide clumps every 4 to 5 years. For best bloom disbud side shoots, leaving only terminal flowers to develop.

FORBES GIANT-FLOWERED PANSY PLANTS (IN FLATS)

Here's a new service—plants of Giant-flowered Pansies grown one dozen to a soil flat, all ready to set out in your garden. Unlike the early bedding Pansies sold in baskets, which have a relatively short season of bloom, these will continue to produce their huge blooms, if planted in full sun or half shade, right through the season and up to late fall.

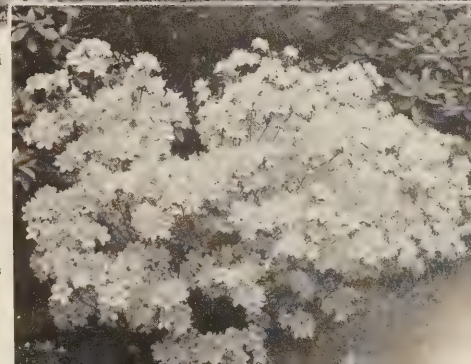
Super Swiss Giants, Mixed. This is a magnificent blend and far surpasses in quality and range of color any other Giant-flowered Pansy mixture. The plants are more compact and most of the flowers are beautifully frilled. They are of perfect form, with thick, velvety, rounded petals in a color-range beyond belief, many 5-blotched. The colors are bronze, silver, gold, copper—wine-red, pink, salmon, silver-gray, brown, Indian red, steel-blue, dark blue and yellow.

\$1.75 per flat of 12 plants; 5 flats (60 plants) for \$8

For the very finest in Pot-grown Roses, alive and growing, see pages 30 to 33



Azalea,
Hinodegiri



Azalea
Coral Bells

FORBES HARDY VINES IN POTS

For such a small outlay there are few plants that give so much in return as the Hardy Vines. A few, well placed, with their delightful charm will greatly enhance the beauty of your garden. They soften harsh lines, bring beauty to bare walls and welcome to doorways. For covering unsightly objects there is nothing better. All our vines are 2-year-old, No. 1 plants, well-established, in pots.

Ampelopsis quinquefolia. Virginia Creeper. A strong, vigorous, fast-growing vine with large attractive foliage that changes to scarlet-gold shades in the fall. It is very hardy and readily adapts itself to trellises, arbors and stone walls in sun or shade. 70c each; 3 for \$2.

Ampelopsis Veitchii. Boston Ivy. For clinging to brick, masonry or even smooth walls in part shade. Grows 25 feet in 3 years and has dense dark green foliage, which turns bronze-red in the fall. \$1.25 each; 3 for \$3.50.

Aristolochia Siphon. Dutchman's Pipe. The large, heart-shaped leaves provide a dense screen or quick shade for porches and pergolas. The curious brownish flowers are pipe-shaped. Likes sun. \$1.50 each; 3 for \$4.25.

Bignonia radicans. Trumpet Vine. Delights in sun or part shade. It grows tall, rapidly bearing clusters of large, bright orange-scarlet flowers through the summer. It will cling to both wood and masonry. 95c each; 3 for \$2.70.

Celastrus scandens. Bittersweet. A vigorous rampant plant that grows well in sun or shade. It has large handsome light green foliage and, in May and June bears yellow flowers. In the fall the clusters of yellow, orange-capsuled fruit appear. 75c each; 3 for \$2.10.

Clematis montana rubens. In late May and June, a profusion of rosy red flowers, up to 2 inches across, changing to clear, deep pink. Fine for walls, growing 10 to 15 feet, with dark foliage overcast with purple tones. Prune deadwood only in early March. \$1.25 each; 3 for \$3.50.

Clematis paniculata. Virgin's Bower. This hardy vine, growing 15 feet in a season, adapts itself to all situations. A mass of fragrant, fleecy, white bloom, above the small dense foliage, from August to frost. \$1 each; 3 for \$2.75.

Clematis tangutica. Dainty and unusual golden yellow, lantern-like, small bell-flowers from late June into September on 10-foot vines. \$1.25 each; 3 for \$3.50.

Clematis texensis. Curious urn-shaped, inch-long flowers of reddish rose; buff inside. Planted near a fence, stone wall or trellis the 6-foot vines will make a gorgeous display from July to September. \$1.25 each; 3 for \$3.50.

Euonymus radicans vegetus. Evergreen Wintercreeper. Unexcelled in sun or shade for a hardy, evergreen wall cover or on large, old trees where it grows 25 feet high. Splendid for covering panels. It has thick, leathery, dark green leaves and bears bright orange berries in the fall. 90c each; 3 for \$2.50; \$9 per doz.; \$65 per 100.

Hydrangea Petiolaris. A very unusual, 10 foot woody vine which clings to both masonry and wood and to trees without support. It has dark green, clean foliage and short spur branches topped with fragrant white Hydrangea-like blooms all summer. It likes rich moist soil in either sun or shade. \$2.75 each; 3 for \$7.75.

Ivy, Baltica. Hedera Helix gracilis. Similar to English Ivy but with foliage not as large and more deeply cut. Fine cover for walls with north or west exposure and is splendid as a ground cover. It is very hardy. In soil, 6 plants (minimum) for \$1.10; \$2.10 per doz.; flat of 25 for \$4.

Ivy, English. Hedera Helix. A vine, with shiny leaves, for masonry walls, as a ground cover, even in the densest shade, borders, graves and window boxes. In soil, 6 plants (minimum) for \$1.10; \$2.10 per doz.; flat of 25 for \$4.

For Climbing Roses see page 33

Lathyrus latifolius. Perennial Pea. Loose clusters of pea-flowers on 6-foot vines from July to frost in sun or shade in any soil. **Lavender-pink, Rose-purple or White.** 50c each; 3 for \$1.35.

Lonicera Halliana. Hall's Honeysuckle. Fine for steep banks, dense screens, porches, trellises and fences in sun or part shade. Vigorous, with almost evergreen foliage and fragrant flowers, white turning to yellow, all through summer. 70c each; 3 for \$2; \$7.25 per doz.; \$55 per 100.

Lonicera, Goldflame. Huge clusters of fragrant blooms, the outside of the petals of brilliant flame-coral, inside of creamy gold, from May to frost. \$1.10 each; 3 for \$3.

Polygonum Auberti. Silver Lace Vine. Grows 15 feet the first year. Has shiny, bright green foliage covered in summer and fall with foamy sprays of white flowers. Likes full sun and a rich sandy soil. \$1.10 each; 3 for \$3.

Wisteria, Chinese. Long hanging fragrant flower-clusters in early summer. Likes a well-drained loam in full sun and lots of water when in bloom. Prune tops back hard from June to August. **Lavender-blue or White,** Each, grafted plants, \$1 each; 3 for \$2.75.

Wisteria multijuga rosea. Pink Weeping Wisteria. Has slender racemes, often 18 inches long, of smaller flowers produced freely on vigorous vines. \$1.10 each; 3 for \$3.

Large-flowered Clematis

Outstanding in color and form, these vines add charm to any garden. When grown on trellises against house, porch or garage they help tie in the building with the garden. Supported on wires, they are effective on walls and they change an unsightly stump or fence into a thing of beauty.

Culture. Best in partial shade, but if in full sun, shade the base with small plants and peat moss. Prepare soil 2 feet deep with sand and rotted manure and some lime. Set plants with collar 3 inches below soil level. Water amply during drought. Don't prune until well established; then in early spring prune back old wood to 3 feet. Mulch each fall with leaves, peat or rotted manure; in spring mix into soil.

Comtesse de Bouchaud. A strong grower and profuse bloomer from July to September, reaching 8 to 10 feet. The curved petals range from satiny rose to rich pink.

Crimson Star. Spectacular flowers, often 6 inches across, of true rich red with no purple tones, in profusion on 8 to 10-foot, vigorous vines from July to September.

Henryi. Huge cream-white flowers, often 8 inches across, all summer on vigorous, 8-foot vines.

Jackmani. The vigorous growth is often 10 feet high, covered with deep violet-purple flowers through summer and fall.

Lord Neville. Makes a striking effect against a white wall or trellis. The 7-foot vines, from June to September, bear large graceful flowers of velvety plum-purple.

Mrs. Cholmondeley. Large open flowers of wisteria-blue are borne freely on 8-foot vines from July to September.

Nelly Moser. The red bars centering the pale mauve petals accentuate the beauty of this vigorous variety. The vines, 10 to 12 feet high, flower from June to October.

Ramona. Pale blue flowers, with rounded petals and darker anthers cover the 8-foot vine, from July to September.

Any of the above 8, \$1.65 each; 3 for \$4.75



Clematis, Ramona

← Wisteria, Chinese

Ampelopsis Veitchii

Polygonum Auberti



Lonicera Halliana

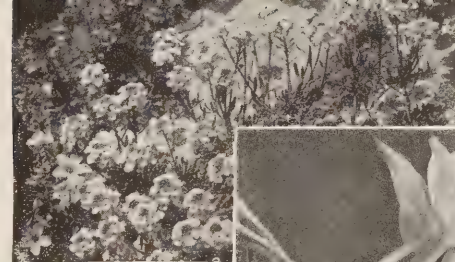
FORBES HARDY PERENNIAL PLANTS (IN POTS)

The Perennial Plants we offer are of unusually large size, in 5, 6 and 7-inch pots, with ample soil for strong root development. They are plants produced to succeed in your garden rather than for a conveniently small size for shipping. When you see them in the sales beds at our Garden Center on Route 10, Hanover, N. J., you will instantly recognize their superior quality.

We lift the plants, in pots, and place them in your car. Within the hour you can remove the pots and set the plants out in your garden to continue their growth unchecked. Our large plants provide earlier, fuller bloom the first season, without loss. For equal cost our plants are far superior.

Come and make your own selection and take them with you, or send in your order and we will deliver within our delivery area. *We cannot ship plants by mail, express or freight.* See page 5.

In column	Sun Needed	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
	☉ half shade-half sun, ☉ full shade										
ACHILLEA (Milfoil or Yarrow)											
Millefolium roseum		Rose-pink	1½ ft.	July-Sept	☉	1D	12	Border; cutting	\$.50	\$1.35	\$4.75
Parmica, Boule de Neige		White; double	1½-2 ft.	June-Sept.	☉	1D	12	Border; cutting	.50	1.35	4.75
Taggetea		Pale yellow	1½-2 ft.	June	☉	1D	15	Border; cutting	.55	1.50	5.50
Tomentosa		Bright yellow	8 in.	June-July	☉	1D	12	Edges; rockery	.50	1.35	4.75
ACONITUM (Monkshood)											
Fischeri		Dark blue	2 ft.	Sept.-Oct.	☉☉	4	15	Borders specimen	.55	1.50	5.50
Napellus, Sparks' Variety		Dark blue	4½ ft.	July-Aug.	☉☉	4	15	Border, woods	.65	1.80	6.50
ÆTHIONEMA (Persian Candytu)											
Warley Rose		Rose	9 in.	June-July	☉	3G	12	Edges; rockery	.65	1.80	6.50
AJUGA (Bugle)											
Genevensis	\$30 per 100	Violet-blue	6-8 in.	May-June	☉☉☉	2; 4	10	Carpet, rockery	.50	1.35	4.75
Reptans	\$30 per 100	Violet-blue	3-4 in.	May-June	☉☉☉	2; 4	10	Carpet, rockery	.50	1.35	4.75
ALYSSUM (Madwort)											
Saxatile citrinum		Lemon-yellow	9-12 in.	April-May	☉	2; 4	8	Edges; rockery	.55	1.50	5.50
Saxatile compactum		Saxatile	9-12 in.	April-May	☉	2; 4	8	Carpeting	.50	1.35	4.75
Saxatile, Double		Golden yellow	9-12 in.	April-May	☉	2; 4	8	Rock walls	.60	1.65	6.00
ANCHUSA (Alkanet or Bugloss)											
Dropmore		Gentian-blue	4 ft.	June on	☉	2	18	Borders	.55	1.50	5.50
Feltham Pride		Bright blue	2-3 ft.	June on	☉	2	18	Border; massing	.55	1.50	5.50
Myosotidiflora		Myosotis-blue	1-1½ ft.	May	☉☉	2	15	Border; rockery	.55	1.50	5.50
ANEMONE (Windflower)											
Apennina		Porcelain blue	6 in.	April-May	☉☉☉	4HS	10	Rockery; woods	.55	1.50	5.50
Huopenhais		Mauve-rose	2-3 ft.	Aug.-Oct.	☉☉☉	4HS	15	Border; cutting	.65	1.80	6.50
Japonica, Alice		Rose-pink	2-3 ft.	Sept.	☉☉☉	4HS	12	Border; cutting	.65	1.80	6.50
Japonica, Double Rose		Rose	2-3 ft.	Sept.	☉☉☉	4HS	12	Border; cutting	.65	1.80	6.50
Japonica, Marie Manchard		Double; white	2-3 ft.	Sept.	☉☉☉	4HS	12	Border; cutting	.65	1.80	6.50
Japonica, Queen Charlotte		Purple-rose	2-3 ft.	Sept.	☉☉☉	4HS	12	Border; cutting	.65	1.80	6.50
Japonica, September Charm		Silvery pink	2 ft.	Sept.	☉☉☉	4HS	12	Border; cutting	.65	1.80	6.50
Japonica, White		Single; white	2-3 ft.	Sept.	☉☉☉	4HS	12	Border; cutting	.65	1.80	6.50
Pulsatilla (Pasque Flower)		Rose-lilac	10-12 in.	April-May	☉	3G	12	Border; rockery	.55	1.50	5.50
ANTHEMIS (Yellow Marguerite)											
Moonlight (Chamonile)		Pale yellow	2½ ft.	June-Oct.	☉	2D; 4D	18	Border; cutting	.55	1.50	5.50
Tinctoria		Clear yellow	2½ ft.	June-Oct.	☉	2D; 4D	18	Border; cutting	.55	1.50	5.50
AQUILEGIA (Columbine)											
Long-spurred, Blue Shades		Various blues	2½ ft.	May-June	☉☉	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Chrysantha		Golden yellow	2½ ft.	May-July	☉☉	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Crimson Star		Crimson & white	2½ ft.	May-June	☉☉	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Orange-Scarlet		Shades of these	2½ ft.	May-June	☉☉	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Rose Queen		Rose shades	2½ ft.	May-June	☉☉	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Snow Queen		Pure white	2½ ft.	May-June	☉☉	2K; 4K	12	Border; cutting	.55	1.50	5.50
Flabellata coerulesa		Deep blue	10-12 in.	May-June	☉☉	2K; 4K	12	Border; rockery	.55	1.50	5.50
Flabellata nana alba		Ivory-white	8-10 in.	May-June	☉☉	2K; 4K	12	Border; rockery	.55	1.50	5.50
ARABIS (Rock Cress)											
Alpina, Snowcap		Pure white	6 in.	April-May	☉☉	2	12	Rock walls	.55	1.50	5.50
Alpina, Spring Charm		Rosy red	6 in.	April-May	☉☉	2	12	Border; rockery	.50	1.35	4.75
ARENARIA (Sandwort)											
Narica		Silvery white	6 in.	May-June	☉	3	12	Rockery; wall	.50	1.35	4.75
Verna caespitosa		Tiny, white	1-2 in.	May	☉☉	3	6	Rockery; walks	.50	1.35	4.75



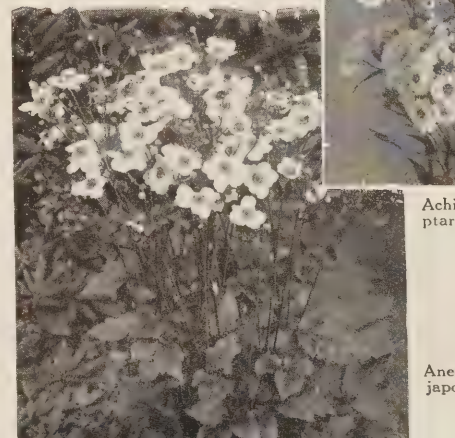
Æthionema
Warley Rose

Aquilegia
long-spurred

Explanation of Column Type Soil Preferred

- 1 = Poor sandy or clay soil
- 2 = Deep (10 in.) light loam
- 3 = Sandy loam + leaf mould
- 4 = Deep (10 in.) medium loam
- 5 = Heavy loam or clay loam

- A = Acid or sour
C = Crushed limestone
D = Dry or ordinary
G = Gravel or rubble
H = Humus or peat
K = Lime or alkaline
L = Leaf mould
M = Manure, fertilizer
P = Poor, no manure
S = Sandy or gritty
W = Moist or wet



Achillea
ptarmica

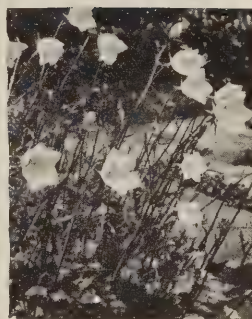
Anemone
japonica



Chrysanthemum
Maximum Alaska
See page 15



stilbe (Spiraea)

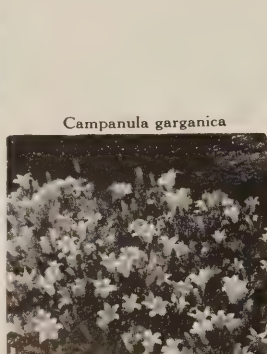


Campanula carpatica

Explanation of Column Type Soil Preferred

- 1 = Poor sandy or clay soil
2 = Deep (10 in.) light loam
3 = Sandy loam + leaf mould
4 = Deep (10 in.) medium loam
5 = Heavy loam or clay loam

- A = Acid or sour
C = Crushed limestone
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G = Gravel or rubble
H = Humus or peat
K = Lime or alkaline
L = Leaf mould
M = Manure, fertilizer
P = Poor, no manure
S = Sandy or gritty
W = Moist or wet



Campanula garganica

In column	Sun Needed	O means full sun, @ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil preferred	Inches Apart	Uses	Each	3 for	Doz.
ARMERIA (Thrift)												
Caespitosa			Pink	4 in.	April-May	O	2; 4	8	Edges; rockery	\$.55	\$1.50	\$5.50
Lauchiana			Rosy red	6-8 in.	April-June	O	2; 4	8	Edges; rockery	.50	1.35	4.75
ARTEMISIA (Ghost Plant)												
Lactiflora (White Mugwort)			White	4 ft.	Sept.	O	1D;2DP	15	Border; contrast	.50	1.35	4.75
Silver King			Silver mist	2½-3 ft.	April-Oct.	O	1D;2DP	12	Contrast plant	.50	1.35	4.75
Silver Mound			Silver mat	4 in.	April-Oct.	O	1D;2DP	12	Edges; rockery	.55	1.50	5.50
ASCLEPIAS (Butterfly Weed)												
Tuberosa			Red-orange	1½-2 ft.	July-Aug.	O	5H	15	Border; cutting	.60	1.65	6.00
ASPERULA												
Odorata (Sweet Woodruff)			White	6-8 in.	May	O@●	2H; 4H	12	Ground-cover	.50	1.35	4.75
ASTER (Michaelmas Daisy)												
Beechwood Challenger			Crimson-red	2½-3 ft.	Sept.-Oct.	O@	4	18	Border; cutting	.55	1.50	5.50
Blue Plume			Deep-blue	3-3½ ft.	Sept.-Oct.	O@	4	18	Border; cutting	.55	1.50	5.50
Harrington's Pink			Rose-pink	3-4 ft.	Sept.-Oct.	O@	4	18	Border; cutting	.55	1.50	5.50
Mt. Everest			Pure white	3-4 ft.	Sept.-Oct.	O@	4	18	Border; cutting	.55	1.50	5.50
ASTER, Dwarf												
Marjorie			Rose pink	9 in.	Sept.-Oct.	O@	4	12	Border; rockery	.55	1.50	5.50
Niobe			White	9 in.	Sept.-Oct.	O@	4	12	Border; rockery	.55	1.50	5.50
Victor			Lavender-blue	9 in.	Sept.-Oct.	O@	4	12	Border; rockery	.55	1.50	5.50
ASTER Species (Starwort)												
Alpinus, Goliath			Blue-purple	8 in.	May-June	O@	4	8	Edges; rockery	.50	1.35	4.75
Frikarti			Lavender-blue	2-3 ft.	June-Nov.	O@	4	18	Border; cutting	.65	1.80	6.50
ASTILBE (Spiraea) Fanal												
Gertrude Brix			Crimson	2 ft.	June	O@	5HW	18	Border; masses	.80	2.25	8.40
Gladstone			Cerise-red	2-2½ ft.	June	O@	5HW	18	Border; masses	.80	2.25	8.40
Peachblossom			White	2-2½ ft.	June	O@	5HW	18	Border; masses	.80	2.25	8.40
			Peach-pink	2-2½ ft.	June	O@	5HW	18	Border; masses	.80	2.25	8.40
AUBRIETA (Rainbow Rock Cress)												
Deltoidea, Eyre			Rosy lilac	4 in.	April-May	O@	2; 4C	8	Carpet; edges	.50	1.35	4.75
Monarch Mixture			Pink to purple	6 in.	April-May	O@	2; 4C	6	Wall; rockery	.50	1.35	4.75
Whitewell Gem			Dark purple	6 in.	April-May	O@	2; 4C	6	Wall; rockery	.50	1.35	4.75
BAPTISIA (False Indigo)												
Australis			Indigo-blue	3-4 ft.	May-June	O	2; 4; 5	15	Border; cutting	.50	1.35	4.75
BUDDLEIA (Butterfly Bush)												
Fascinating			Pink-lavender	4 ft.	July-Oct.	O	4	48	Accent; cutting	.90	2.55	9.50
Flaming Violet			Imperial purple	4 ft.	July-Oct.	O	4	48	Accent; cutting	.90	2.55	9.50
Fortune			Pure lilac	4 ft.	July-Oct.	O	4	48	Accent; cutting	.90	2.55	9.50
White Cloud			Pure white	4 ft.	July-Oct.	O	4	48	Accent; cutting	.90	2.55	9.50
CAMPANULA (Bellflower)												
Carpatia, Blue Carpet			Violet-blue	6 in.	June-Oct.	O	4; 5	9	Edges; rockery	.50	1.35	4.75
Carpatia, Blue (Harebell)			Lavender-blue	8 in.	June-Oct.	O	4; 5	9	Edges; rockery	.50	1.35	4.75
Carpatia, White			White	8 in.	June-Oct.	O	4; 5	9	Edges; rockery	.50	1.35	4.75
Garganica, Trailing; white-eyed			Pale blue-violet	3-6 in.	June	O@	4HC	8	Rock wall; step	.55	1.50	5.50
Latifolia macrantha			Lilac & purple	3-4 ft.	June-July	O@	4; 5	18	Cutting; masses	.50	1.35	4.75
Muralis (Portenschlagiana)			Purplish blue	4 in.	June-Aug.	O@	4HC	8	Rockery; wall	.60	1.65	6.00
Persicifolia, Blue (Peachbell)			Lavender-blue	2½-3 ft.	June-July	O@	4; 5	12	Border; cutting	.55	1.50	5.50
Persicifolia, Wedgwood			Violet-blue	3 ft.	June-July	O@	4; 5	12	Border; cutting	.55	1.50	5.50
Persicifolia, White			White	2-2½ ft.	June-Aug.	O@	4; 5	12	Border; cutting	.55	1.50	5.50
Rotundifolia (Scotch Bluebell)			Light blue	1 ft.	June-Aug.	O@	4HC	8	Rockery; slopes	.50	1.35	4.75
CARNATION, Hardy Border												
Crimson King			Dazzling crimson	20 in.	June-July	O	4K	12	Border; cutting	.60	1.65	6.00
King of the Blacks			Black-red	20 in.	June-July	O	4K	12	Border; cutting	.55	1.50	5.50
Lucia			Salmon-scarlet	15 in.	July-Aug.	O	4K	12	Border; cutting	.60	1.65	6.00
Rose Queen			Rose-pink	20 in.	June-July	O	4K	12	Border; cutting	.55	1.50	5.50
Scarlet King			Scarlet	20 in.	June-July	O	4K	12	Border; cutting	.55	1.50	5.50
Yellow Queen			Pale yellow	20 in.	June-July	O	4K	12	Border; cutting	.55	1.50	5.50
White Queen			White	20 in.	June-July	O	4K	12	Border; cutting	.55	1.50	5.50
Dwarf Double Red Grenadin			Scarlet	15 in.	June	O	4K	12	Border; rockery	.50	1.35	4.75
Dwarf Vienna, Double Mixed			Various colors	14 in.	June	O	4K	12	Border; cutting	.50	1.35	4.75

In column Sun Needed ○ means full sun, ⊙ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
CARYOPTERIS (Bluebeard) Mastacanthus, Blue Mist	Powder-blue	2½-3 ft.	Aug.-Oct.	○	2	24	Borders	\$0.95	\$2.70	\$10.25
CENTAUREA (Cornflower) Dealbata	Deep pink	2 ft.	June-Aug.	⊙	1; 2; 4	15	Border; cutting	.55	1.50	5.50
CERASTIUM (Snow-in-Summer) Tomentosum	White	6-8 in.	May-June	⊙	1	12	Edges; rockery	.50	1.35	4.75
CHELONE (Turtle-Head) Lyoni	Purple-pink	2 ft.	July-Aug.	⊙	4M	15	Border; cutting	.55	1.50	5.50
CHIVES	Purple	8 in.	May-June	○	2; 4	8	Herb garden	.45	1.20	4.25
CHRYSANTHEMUM, See page 7										
CHRYSANTHEMUM (Shasta Daisy) Maximum, Alaska Maximum, Chiffon Maximum, Double Shasta	Single; white Frilled; white Double; white	2-2½ ft. 2 ft. 2-2½ ft.	June-Sept. June-Sept. June-Sept.	○ ○ ○	4K 4K 4K	18 12 15	Border; cutting Border; cutting Border; cutting	.55 .60 .65	1.50 1.65 1.80	5.50 6.00 6.50
CHRYSOGONUM (Golden Star) Virginianum	Golden Yellow	8 in.	April-Aug.	⊙	4HLW	15	Border; by pool	.55	1.50	5.50
CIMICIFUGA (Snakeroot) Racemosa simplex	White	2½ ft.	Sept.-Oct.	●	4HM	15	Border; cutting	.85	2.40	9.00
COREOPSIS (Tickseed) Double Sunburst	Golden Yellow	2-2½ ft.	June-Sept.	○	1, 2, 4 D	12	Border; cutting	.55	1.50	5.50
DAPHNE (Garland Flower) Cneorum. 6 to 8-in. diam. Cneorum, 8 to 12-in. diam.	Rose-pink Rose-pink	10-12 in. 10-12 in.	April-May April-May	⊙ ⊙	3GK 3GK	36 36	Edges; rockery Edges; rockery	1.60 2.25	4.50 6.45	17.00 24.50
DELPHINIUM (Perennial Larkspur) Belladonna, Cliveden Beauty Bellamosum Blackmore & Langdon's Hybrids Chinense, Dwarf Blue, White Pacific Giant, Black Knight Pacific Giant, Galahad Pacific Giant, King Arthur Pacific Giant, Summer Skies Wrexham Hybrids	Turquoise-blue Dark blue Blue to pink Specify which Dark blue White Violet Light blue Blue to violet	4 ft. 4 ft. 5-6 ft. 2 ft. 5-7 ft. 5-7 ft. 5-7 ft. 5-7 ft. 6 ft.	June & Sept. June & Sept. June & Sept. July-Aug. June & Sept. June & Sept. June & Sept. June & Sept. June & Sept.	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	4SMK 4SMK 4SMK 4SMK 4SMK 4SMK 4SMK 4SMK 4SMK	12 12 15 12 15 15 15 15 15	Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting	.65 .65 .65 .55 .85 .85 .85 .85 .65	1.80 1.80 1.80 1.50 2.40 2.40 2.40 2.40 1.80	6.50 6.50 6.50 5.50 9.00 9.00 9.00 9.00 6.50
DIANTHUS (Garden Pink) Bobby Latifolius, Beatrice Latifolius, Silver Mine Little Joe Meg. Gardner Tiny Rubies	Pink, crimson center Pure pink Pure white Crimson White; red eye Rose-pink	8 in. 10 in. 10 in. 6 in. 15 in. 5 in.	June-Sept. June-Sept. June-Sept. June-Sept. June-July June-July	○ ○ ○ ○ ○ ○	2K 2K 2K 2K 2K 2K	10 10 10 10 12 10	Edges; rockery Border; cutting Rockery; border Edges; rockery Border; cutting Edges; rockery	.50 .60 .60 .55 .50 .55	1.35 1.65 1.65 1.50 1.35 1.50	4.75 6.00 6.00 5.50 4.75 5.50
DICENTRA Cucullaria (Dutchmans Breeches) Eximia (Fringed Bleeding Heart) Spectabilis (Bleeding-Heart)	White; yellow tip Deep pink Pink	4-8 in. 1-1½ ft. 2-2½ ft.	April-May May-Oct. May-June	⊙ ⊙ ⊙	2LM 2LM 2LM	12 12 24	Border; rockery Border; rockery Border; specimen	.50 .60 .85	1.35 1.65 2.40	4.75 6.00 9.00
DICTAMNUS (Gas Plant) Fraxinella, Rose or White	Specify which	2 ft.	May-June	○	4; 5	12	Border specimen	.65	1.80	6.50
DODECATHEON (Am. Cowslip) Meadia (Shooting Star)	White	8-10 in.	May-June	●	3A	6	Rockery; woods	.55	1.50	5.50
DORONICUM (Leopardbane) Clusi Mme. Mason	Yellow Yellow	12-15 in. 1½ ft.	April-May April-May	⊙ ⊙	2; 4 2; 4	12 12	Border; rockery Border; cutting	.60 .60	1.65 1.65	6.00 6.00
EPIGÆA Repens (Trailing Arbutus)	Pale pink	4 in.	April-May	●	3HW	15	Rockery; woods	.60	1.65	6.00
EPIMEDIUM (Barrenwort) Alpinum rubrum Macranthum niveum	Red and white White	9-12 in. 9-12 in.	May-June May-June	⊙ ⊙	2 or 4H 2 or 4H	6 6	Carpet; woods Edges; rockery	.55 .55	1.50 1.50	5.50 5.50
EUPATORIUM (Hardy Ageratum) Cælestinum	Purple-blue	12-14 in.	Aug.-Oct.	⊙	4; 5	12	Border; cutting	.50	1.35	4.75



Dictamnus fraxinella



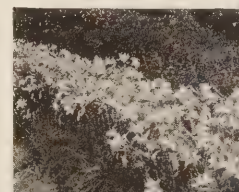
Doronicum, Mme. Mason



Delphinium, Pacific Giant Hybrid

Dicentra eximia

Hemerocallis (Day-Lilies)
See page 16

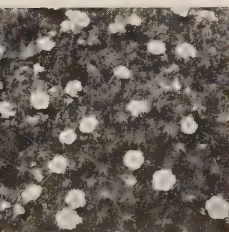




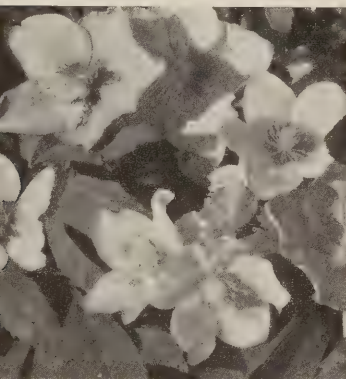
Iberis sempervirens



Gaillardia, Goblin



Geranium Lancastriense



Helleborus
niger
(Christmas
Rose)

Below, Gypsophila, Bristol Fairy



In column Sun Needed ○ means full sun, ⊙ half shade-half sun, ● full shade		Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
EUPHORBIA (Spurge)											
Corollata		White	2 ft.	June-Aug.	○	1D	15	Border; cutting	\$0.50	\$1.35	\$4.75
Polychroma (epithymoides)		Yellow	1-1½ ft.	May-June	○	1D	24	Border; rockery	.55	1.50	5.50
FUNKIA , Hosta (Plantain Lily)											
Glaucia (Blue-green foliage)		Pale lilac	2-3 ft.	June-July	⊙ ●	4M	10	Border; masses	.65	1.80	6.50
Subcordata grandiflora		White	2 ft.	August	○ ⊙ ●	4M	10	Border; carpet	.65	1.80	6.50
Undulata variegata		Blue	2 ft.	July	⊙ ●	4M	10	Edging; carpet	.55	1.50	5.50
GAILLARDIA (Blanket Flower)											
Burgundy		Coppery scarlet	2-2½ ft.	June-Oct.	○	2D	12	Border; cutting	.55	1.50	5.50
Goblin		Yellow & red	15 in.	June-Oct.	○	2D	12	Border; cutting	.55	1.50	5.50
Portola Hybrids		Red & yellow	2½ ft.	June-Oct.	○	2D	12	Border; cutting	.55	1.50	5.50
GAULTHERIA (Wintergreen)											
Procumbens		Pink & white	3-6 in.	July	⊙ ●	3HW	6	Carpet; rockery	.50	1.35	4.75
GERANIUM (Cranesbill)											
Grandiflorum		Peacock blue	1-1½ ft.	May-June	○ ⊙	2; 4	12	Rockery; edges	.85	2.40	9.00
Lancastriense (sanguineum)		Pale pink	6 in.	June-Aug.	○ ⊙	4	10	Edges; rockery	.75	2.10	7.50
GEUM (Avens)											
Borisii		Blood orange	10 in.	May-Oct.	○	2or4HM	10	Border; rockery	.55	1.50	5.50
Fire Opal		Orange-scarlet	2 ft.	May-Oct.	○	2or4HM	12	Border; rockery	.55	1.50	5.50
Lady Stratheden		Golden yellow	2 ft.	May-Oct.	○	2or4HM	12	Border; rockery	.55	1.50	5.50
Mrs. Bradshaw		Orange-red	2 ft.	May-Oct.	○	2or4HM	12	Border; rockery	.55	1.50	5.50
Princess Juliana		Orange-yellow	2 ft.	June-Oct.	○	2or4HM	12	Border; rockery	.55	1.50	5.50
Wilton Ruby		Ruby-orange	1½ ft.	June-Sept.	○	2or4HM	12	Border; rockery	.55	1.50	5.50
GYP SOPHILA (Baby's Breath)											
Bristol Fairy		Double; white	2-3 ft.	June-Sept.	○	2K; 4K	36	Cutting; masses	.80	2.25	8.40
Rosy Veil		Double; pink	1½ ft.	May-Sept.	○	2K; 4K	18	Cutting; masses	.60	1.65	6.00
HELENIUM (Helen's Flower)											
Moerheim Beauty		Brown-red	2-3 ft.	June-Oct.	○	2D; 4D	15	Border; cutting	.55	1.50	5.50
HELIANTHUS (Sunflower)											
Multiflora Double		Golden yellow	4 ft.	July-Sept.	○	2D	18	Shrubs; cutting	.55	1.50	5.50
HELLEBORUS											
Niger (Christmas Rose)		White	8 in.	Dec.-Feb.	⊙ ●	2HKW	12	Border; woods	1.50	4.25	15.50
HEMEROCALLIS (Day-Lily)											
Flava		Clear yellow	2½-3 ft.	May-June	○ ⊙	2; 4; 5	15	Border; cutting	.50	1.35	4.75
Hyperion		Citron-yellow	3½ ft.	July-Aug.	○	2; 4; 5	18	Border; cutting	.70	1.95	7.00
Mikado		Deep orange	2½ ft.	June-July	○	2; 4; 5	15	Border; cutting	.50	1.35	4.75
Morocco Beauty		Maroon-chestnut	2 ft.	June-July	○	2; 4; 5	15	Border; cutting	.75	2.10	7.50
Nigrette		Mahogany-purple	2 ft.	June-July	○	2; 4; 5	15	Border; cutting	.75	2.10	7.50
Tasmania		Pink-tan	2½-3 ft.	June	○	2; 4; 5	15	Border; cutting	.75	2.10	7.50
HEPATICA (Liverleaf)											
Triloba		Pink-mauve	4-6 in.	April-May	⊙ ●	2HLM	10	Rockery; woods	.50	1.35	4.75
HEUCHERA (Coral Bells)											
Perry's White		Pure white	1-1½ ft.	May-Oct.	○ ⊙	2S	12	Border; rockery	.55	1.50	5.50
Pluie de Feu (Rain of Fire)		Coral-red	1-1½ ft.	May-Oct.	○ ⊙	2S	12	Border; rockery	.60	1.65	6.00
Rosamundi		Coral-pink	1-1½ ft.	May-Oct.	○ ⊙	2S	12	Border; rockery	.55	1.50	5.50
HIBISCUS (Mallow)											
Red, Pink and White (Red eye)		Specify color	4-5 ft.	Aug.-Sept.	○ ⊙	2; 3W	18	Border; masses	.55	1.50	5.50
IBERIS (Candytuft)											
Little Gem		Pure white	4 in.	June	○ ⊙	2; 4; 5	8	Edges; rockery	.55	1.50	5.50
Sempervirens		Pure white	6-8 in.	May-June	○ ⊙	2; 4; 5	12	Edges; rockery	.50	1.35	4.75
Snowflake		Pure white	10 in.	May-June	○ ⊙	2; 4; 5	12	Edges; rockery	.55	1.50	5.50
INCARVILLEA (Trumpet Flower)											
Delavayi		Rose-pink	1½ ft.	June-July	○	2SM	12	Border; cutting	.75	2.10	7.50
IRIS , Miniature											
Atrovioleacea		Wine-red	6 in.	April	○ ⊙	2; 3; 4	6	Edges; rockery	.50	1.35	4.75
Betsy Presby		Bright yellow	6 in.	April	○ ⊙	2; 3; 4	6	Border; edges	.50	1.35	4.75
Coerulea		Pale blue	6 in.	April	○ ⊙	2; 3; 4	6	Rockery; border	.50	1.35	4.75
Huron		Purple and black	6 in.	April	○ ⊙	2; 3; 4	6	Rockery; border	.50	1.35	4.75
The Bride		Pure white	6 in.	April	○ ⊙	2; 3; 4	6	Border; edges	.50	1.35	4.75

In column Sun Needed ○ means full sun, ⊙ half shade-half sun, ● full shade

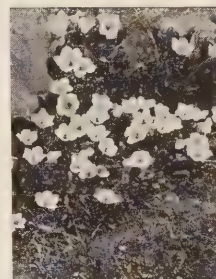
	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
IRIS, Species										
Cristata	Amethyst-blue	4 in.	May	●●	3HW	6	Ground cover	\$0.50	\$1.35	\$4.75
Gracilipes	Lavender & gold	6-10 in.	May-June	●	3HW	6	Edges; rockery	.55	1.50	5.50
IRIS, Pumila										
Excelsa	Lemon yellow	9 in.	April-May	○○	2; 3; 4	8	Pool; rockery	.50	1.35	4.75
Sambo	Violet-blue	9 in.	April-May	○○	2; 3; 4	8	Border; cutting	.50	1.35	4.75
Schneecuppe	Pure white	9 in.	April-May	○○	2; 3; 4	8	Edges; rockery	.50	1.35	4.75
IVY, Baltic and English	See page 12				(25 plants in flat of soil for \$4.)					2.10
LAMIUM (Dead Nettle)										
Alba	White	6-8 in.	May-July	○	3	12	Border; rockery	.50	1.35	4.75
LAVANDULA (True Lavender)										
Vera	Lavender-blue	1 ft.	July-Aug.	○	2S	12	Herb garden	.55	1.50	5.50
LIATRIS (Gayfeather)										
Scariosa, September Glory	Lavender-purple	5 ft.	Aug.-Sept.	○○	2D; 4D	18	Cutting; masses	.55	1.50	5.50
Scariosa, White Spire	Pure white	5 ft.	Aug.-Sept.	○○	2D; 4D	18	Cutting; masses	.55	1.50	5.50
Spicata	Lavender-purple	2½ ft.	Sept.-Oct.	○○●	2W; 4W	12	Border; cutting	.55	1.50	5.50
LILIUM										
Candidum (Madonna Lily)	Pure white	4 ft.	June-July	○○	2.4HMS	12	Border; masses	.75	2.10	7.50
Henryi	Orange-yellow	6-8 ft.	Aug.-Sept.	○○	2.4HMS	12	Rear of border	.65	1.80	6.50
Thunbergianum, Mahogany	Dark red-brown	1-1½ ft.	June-July	○○	2HMS	10	Border; masses	.65	1.80	6.50
Umbellatum, Golden Fleece	Yellow, tan spots	2 ft.	June-July	○○	2HMS	12	Border; cutting	.75	2.10	7.50
Umbellatum, Orange Triumph	Orange-red	2 ft.	June-July	○○	2HMS	12	Border; cutting	.75	2.10	7.50
LINUM (Flax)										
Perenne, Blue	Pale azure-blue	15-18 in.	May-Sept.	○○	2; 4	12	Masses; rockery	.50	1.35	4.75
LOBELIA										
Cardinalis (Cardinal Flower)	Fiery cardinal	2-2½ ft.	July-Aug.	●●	4HSW	15	Border; woods	.50	1.35	4.75
LUPINUS (Lupine)										
Russell	Various	2½-3 ft.	June-July	○	2A; 4A	15	Border; cutting	.55	1.50	5.50
LYCHNIS (Campion)										
Arkwrighti Hybrids	Orange, scarlet, pink	2½ ft.	May	○	2; 4	12	Border; masses	.50	1.35	4.75
Viscaria, Double	Rose-crimson	14 in.	June	○	2; 4	12	Border; rockery	.55	1.50	5.50
LYTHRUM (Loosestrife)										
Superbum, Morden's Pink	Deep pink	3-4 ft.	June-Sept.	○○	2; 4W	24	Border; pool	.60	1.65	6.00
Superbum, The Beacon	Rosy pink	3 ft.	June-Sept.	○○	2; 4W	24	Masses; cutting	.60	1.65	6.00
MERTENSIA (Bluebell)										
Virginica (Virginia Cowslip)	Blue to pink	1 ft.	April-May	●●	2HM	12	Woodland	.55	1.50	5.50
MONARDA (Bee-balm; Bergamot)										
Didyma, Cambridge Scarlet	Crimson-scarlet	2½-3 ft.	June-Aug.	○○	2; 4	18	Border; masses	.50	1.35	4.75
Didyma, Salmon Queen	Salmon-pink	2½-3 ft.	June-Aug.	○○	2; 4	18	Naturalizing	.50	1.35	4.75
MYOSOTIS (Forget-me-not)										
Palustris	Pale blue	10 in.	May-June	●	2; 4HW	6	Edges; woods	.50	1.35	4.75
NEPETA (Catmint)										
Mussini	Blue-lavender	12-15 in.	June-Aug.	○	1; 2; 4	15	Edges; rockery	.50	1.35	4.75
NIEREMBERGIA (Cup Flower)										
Rivularis	Creamy white	4-5 in.	June-Sept.	○○	3W	10	Carpet; rockery	.55	1.50	5.50
GENOTHERA (Evening Primrose)										
Youngi	Lemon-yellow	2 ft.	June-Aug.	○○	2D; 4D	12	Masses; cutting	.55	1.50	5.50
PACHYSANDRA (Japan Spurge)										
Terminalis 100 plants for \$15.00	Glossy green	6-8 in.	All year	○○●	2; 4	12	Carpets; slopes			2.00
PENTSTEMON (Beard Tongue)										
Garnet	Garnet-red	15-18 in.	June-Oct.	○	2; 4	9	Rockery; cutting	.55	1.50	5.50
Grandiflorus	Lavender-blue	15-18 in.	June-Oct.	○	2; 4	9	Border; cutting	.55	1.50	5.50
Pink Beauty	Shell-pink	15-18 in.	June-Oct.	○	2; 4	9	Masses; cutting	.55	1.50	5.50
PEPPERMINT (Mentha piperita)	Green leaves	2-3 ft.		○○	2W; 4W	12	Flavoring	.50	1.35	4.75
PHYSALIS (Chinese Lantern)										
Gigantea	Orange pods	2 ft.	Sept.-Oct.	○○	Any	18	Masses; slopes	.55	1.50	5.50



Linum perenne



Mertensia virginica



Nierembergia rivularis



Liatris scariosa

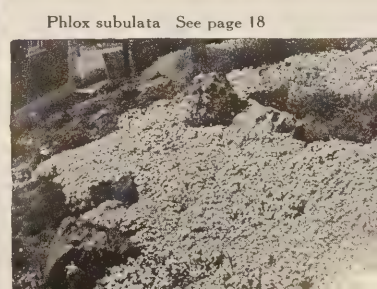
Explanation of Column Type Soil Preferred

- 1=Poor sandy or clay soil
- 2=Deep (10 in.) light loam
- 3=Sandy loam + leaf mould
- 4=Deep (10 in.) medium loam
- 5=Heavy loam or clay loam

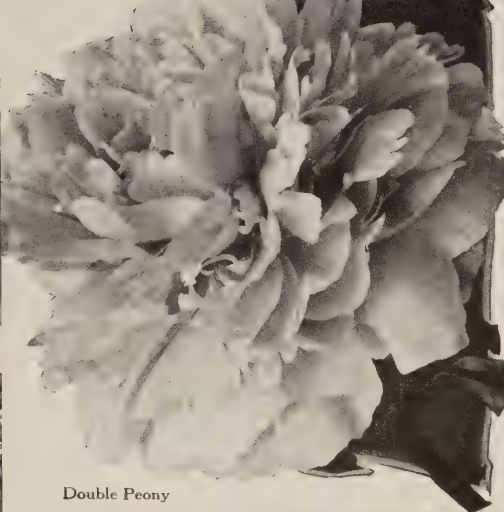
- A = Acid or sour
C = Crushed limestone
D = Dry or ordinary
G = Gravel or rubble
H = Humus or peat
K = Lime or alkaline
L = Leaf mould
M = Manure, fertilizer
P = Poor, no manure
S = Sandy or gritty
W = Moist or wet



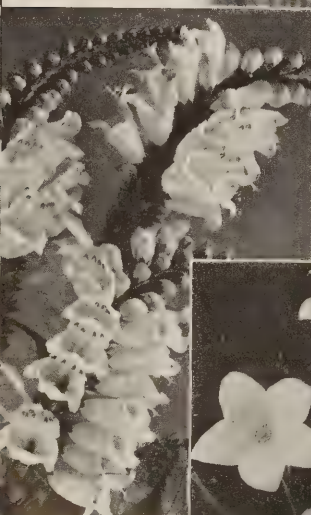
Phlox divaricata canadensis See page 18



Phlox subulata See page 18



Double Peony



Physostegia virginica

Platycodon Mariesi



Poppy, Oriental



In Column Sun Needed O means full sun, @ half shade-half sun, ● full shade		Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
PEONY, DOUBLE											
Festiva Maxima (9.3)		Early white	2-2½ ft.	June	○○	4M	36	Border; cutting	\$1.45	\$4.00	\$15.00
Karl Rosenfield (8.8)		Bright crimson	2-2½ ft.	June	○○	4M	36	Masses; border	1.45	4.00	15.00
Longfellow (9.0)		Bright crimson	2-2½ ft.	June	○○	4M	36	Hedge; specimen	1.75	4.95	18.60
Mons. Martin Cahuzac (8.8)		Purple-garnet	2-2½ ft.	June	○○	4M	36	Border; cutting	2.25	6.45	24.60
Primevere (8.6)		Sulphur yellow	2-2½ ft.	June	○○	4M	36	Masses; border	1.75	4.95	18.60
Sarah Bernhardt (9.0)		Deep rose-pink	2 ft.	June	○○	4M	36	Hedge; specimen	1.45	4.00	15.00
Solange (9.7)		White; gold cent.	2-2½ ft.	June	○○	4M	36	Border; cutting	1.45	4.00	15.00
Walter Faxon (9.3)		Salmon-rose	2-2½ ft.	June	○○	4M	36	Masses; border	1.75	4.95	18.60
PEONY, SINGLE											
Le Jour (8.8)		White	2-2½ ft.	June	○○	4M	36	Border; cutting	1.75	4.95	18.60
Mischief (8.7)		Light pink	2-2½ ft.	June	○○	4M	36	Masses; border	1.75	4.95	18.60
Pocahontas (8.2)		Rose-red	2-2½ ft.	June	○○	4M	36	Hedge; specimen	1.45	4.00	15.00
PHLOX subulata (Moss Pink)											
Carmine-red, Blue, Rose, & White		Specify color	6 in.	April-May	O	2SGD	15	Carpet; rockery	.50	1.35	4.75
PHLOX, VARIOUS											
Divaricata canadensis	Per 100 \$30	Lavender-blue	10 in.	April-May	○○●	4	12	Carpet; rockery	.55	1.50	5.50
PHLOX decussata (Hardy Summer Phlox)											
Border Queen		Bright watermelon-pink	2 ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Charles Curtis		Brilliant sunset red	2-2½ ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Columbia		Cameo-pink, faint blue eye	2-2½ ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Daily Sketch		Salmon-pink, crimson eye	2½-3 ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Ethel Pritchard		Soft lavender	2½-3 ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Geo. Stipp		Deep salmon, paler eye	2½ ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Irene		Intense brilliant cherry-red	2½ ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Leo Schlageter		Vivid scarlet, orange sheen	3 ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Mary Louise		Glistening pure snow-white	2-2½ ft.	July-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
Miss Lingard		Pure white (Suffruticosa)	2 ft.	June-Sept.	○○	4	10	Border; cutting	.50	1.35	4.75
PHYSOSTEGIA (False Dragonhead)											
Virginica, Vivid		Mauve-pink	1½ ft.	Aug.-Sept.	○○	2; 4	12	Border; cutting	.50	1.35	4.75
Summer Snow		White	3 ft.	Aug.-Sept.	○○	2; 4	12	Border; cutting	.50	1.35	4.75
PLATYCODON (Balloon Flower)											
Double Blue		Violet-blue	1½ ft.	July-Oct.	O	2S; 4S	15	Border; rockery	.75	2.10	7.50
Double White		Pure white	1½ ft.	July-Oct.	O	2S; 4S	15	Border; rockery	.75	2.10	7.50
Grandiflora, Shell-Pink		Pale pink	1½ ft.	July-Oct.	O	2S; 4S	15	Border; rockery	.50	1.35	4.75
Mariesi		Violet-blue	1 ft.	July-Oct.	O	2S; 4S	15	Border; rockery	.50	1.35	4.75
Mariesi, White		Pure white	1 ft.	July-Oct.	O	2S; 4S	15	Border; rockery	.50	1.35	4.75
PLUMBAGO (Leadwort)											
Larpenae		Cobalt-blue	10-12 in.	July-Oct.	○○	1; 2; 4	18	Edges; rockery	.50	1.35	4.75
POLEMONIUM (Jacob's Ladder)											
Blue Pearl		Baby blue	1 ft.	April-May	○○	4	12	Border; rockery	.55	1.50	5.50
Reptans		Porcelain-blue	6-8 in.	April-May	●	4	12	Rockery; woods	.50	1.35	4.75
POLYANTHUS (Bunch Primrose)											
Blue Shades		Various blues	9 in.	April-May	●●●	4SHMW	8	Wood margins	Not available		
Colossea, Mixed		Various; huge	12 in.	April-May	●●●	4SHMW	8	Edges; rockery	.55	1.50	5.50
Monarch, Mixed		Various	9 in.	April-May	●●●	4SHMW	8	Rockery; woods	.50	1.35	4.75
Munstead Giant		Yellow shades	12 in.	April-May	●●●	4SHMW	8	Edges; rockery	.50	1.35	4.75
Veris Duplex (Hose-in-hose)		Yellow	9-12 in.	April-May	●●●	4SHMW	8	Edges; rockery	.50	1.35	4.75
POLYGONUM (Dwarf Lace Plant)											
Reynoutria	\$40.00 per 100	Pink Sprays	4-6 in.	Sept.-Oct.	O	Any	12	Ground-cover	.60	1.65	6.00
POPPY, Oriental											
Barry's White		Satiny white	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Betty Ann		La France pink	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Big Jim		Maroon	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Cavalier		Deep scarlet-red	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Cerise Beauty		Cerise-rose	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Flashing Glow		Yellow, orange	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Gold of Ophir		Golden orange	26 in.	May-June	O	4	15	Border accent	.75	2.10	7.50
Henry Cayeaux, Improved, Old		rose, burgundy	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Hercules		True scarlet	3½ ft.	May-June	O	4	15	Masses; cutting	.75	2.10	7.50
Joyce		Soft red	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50
Wurtembergia		Cerise-scarlet	3 ft.	May-June	O	4	15	Border accent	.75	2.10	7.50

In column **Sun Needed** ○ means full sun, ⊙ half shade-half sun, ● full shade

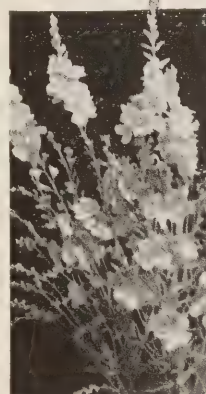
	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
PRIMULA (Primrose)										
<i>Auricula alpina</i>	Various	6-8 in.	April-May	○ ⊙	4SHMW	12	Rockery; woods	\$.60	\$1.65	\$6.00
<i>Blue acutalis</i>	Blue shades	6-8 in.	April-May	○ ⊙ ●	4SHMW	8	Border; rockery	.65	1.80	6.50
<i>Japonica</i>	Various	1½ ft.	June-July	○ ⊙	4SHMW	12	Border; rockery	.60	1.65	6.00
<i>Vulgaris</i> (English Primrose)	Pale yellow	6-8 in.	April-May	○ ⊙	4SHMW	12	Rockery; woods	.60	1.65	6.00
<i>Wanda</i>	Crimson-purple	5 in.	May-June	○ ⊙	4SHMW	8	Border; rockery	.60	1.65	6.00
PULMONARIA (Lungwort)										
<i>Angustifolia azurea</i>	Sky-blue	1 ft.	April-May	○ ⊙	2W	10	Carpet; woods	.50	1.35	4.75
<i>Saccharata</i> , Mrs. Moon	Salmon & blue	12-14 in.	April-May	○ ⊙	2W; 4W	10	Carpet; woods	.55	1.50	5.50
PYRETHRUM (Painted Daisy)										
Hybrids, Single	Pink, red, white	2-2½ ft.	May-June	○	2; 4	12	Border; cutting	.50	1.35	4.75
Hybrids, Double and Single	Pink, red, white	2-2½ ft.	May-June	○	2; 4	12	Border; cutting	.50	1.35	4.75
James Kelway. Single.	Dark blood-red	2-2½ ft.	May-June	○	2; 4	12	Border; cutting	.50	1.35	4.75
ROSA (Alpine Rose)										
<i>Oakington Ruby</i> (Miniature)	Red	8-10 in.	June-Oct.	○ ⊙	4	12	Edges; rockery	.85	2.40	9.00
<i>Rouletti</i> (Miniature)	Rose-pink	6-8 in.	June-Oct.	○ ⊙	4	12	Edges; rockery	.85	2.40	9.00
RUDBECKIA (Coneflower)										
<i>Purpurea</i>	Red-purple	3-4 ft.	July-Oct.	○ ⊙	1,2,or4D	15	Border; cutting	.55	1.50	5.50
<i>White Lustre</i>	Pure white stars	3 ft.	July-Sept.	○ ⊙	1,2,or4D	15	Border; cutting	.65	1.80	6.50
SAGE (Garden Sage)										
	Purple	1½ ft.	Aug.	○	2; 4	12	Herb garden	.50	1.35	4.75
SALVIA (Sage)										
<i>Pitcheri</i>	Gentian-blue	3-4 ft.	Aug.-Sept.	○	2; 4	18	Border; masses	.55	1.50	5.50
<i>Virgata nemorosa</i>	Blue Shades	4 ft.	July-Aug.	○	2; 4	18	Border; masses	.55	1.50	5.50
SANTOLINA (Lavender Cotton)										
<i>Incana</i> (Silver gray foliage)	Yellow buttons	1-1½ ft.	July	○	2 or 4DP	12	Herb garden	.55	1.50	5.50
<i>Viridis</i> (Green foliage)	Yellow buttons	1-1½ ft.	June	○	2 or 4DP	12	Edges; rockery	.55	1.50	5.50
SAPONARIA (Soapwort)										
<i>Ocymoides splendens</i>	Rosy pink	6 in.	May-July	○	2; 4	10	Edges; rockery	.50	1.35	4.75
SAXIFRAGA (Rockfoil)										
<i>Megasea Smidi</i>	Rose-pink	8-10 in.	April-May	○ ⊙	4C	10	Edges; rockery	.55	1.50	5.50
SCABIOSA (Pincushion Flower)										
<i>Caucasica</i> , Isaac House Hybrids	Blue shades	1½-2 ft.	June-Sept.	○	2; 4	15	Border; cutting	.55	1.50	5.50
SEDUM (Stonecrop)										
<i>Acre minus</i>	Bright yellow	2 in.	May-June	○	2G; 4G	12	Carpet; rockery	.50	1.35	4.75
<i>Album muralis</i>	Tiny white	3-4 in.	May-June	○	2G; 4G	8	Edges; rockery	.50	1.35	4.75
<i>Ellacombianum</i>	Yellow	6 in.	June-Aug.	○	2G; 4G	8	Edges; rockery	.55	1.50	5.50
<i>Glaucum</i>	Pinkish white	2 in.	June-July	○	2G; 4G	12	Edges; rockery	.50	1.35	4.75
<i>Gracile</i>	White	3 in.	June-July	○	2G; 4G	12	Carpet; rockery	.50	1.35	4.75
<i>Kamtschaticum</i>	Orange-yellow	6-8 in.	June-July	○ ⊙	2G; 4G	8	Walls; rockery	.50	1.35	4.75
<i>Niceense</i>	Cream yellow	6 in.	June-July	○	2G; 4G	12	Edges; rockery	.50	1.35	4.75
<i>Sarmentosum</i>	Bright yellow	4 in.	June-Aug.	○	2G; 4G	12	Walls; rockery	.55	1.50	5.50
<i>Sieboldi</i>	Pink; small	6 in.	Aug.-Sept.	○	2G; 4G	8	Walls; rockery	.55	1.50	5.50
<i>Spectabile</i> , Brilliant	Rose-crimson	1½-2 ft.	Aug.-Sept.	○ ⊙	2G; 4GD	15	Borders	.55	1.50	5.50
<i>Spurium</i> , Dragon's Blood	Carmine-red	6 in.	July-Sept.	○	2G; 4GD	12	Walls; rockery	.50	1.35	4.75
<i>Stoloniferum</i>	Pink	6 in.	July-Aug.	○	2G; 4G	12	Carpet; edges	.50	1.35	4.75
SEMPERVIVUM (Houseleek)										
<i>Arachnoideum</i>	Cobweb rosette	2 in.		○	2SKD	8	Walls; rockery	.50	1.35	4.75
<i>Tectorum</i>	Light red	1 ft.	June-July	○	2SKD	6	Walls; rockery	.50	1.35	4.75
SHORTIA										
<i>Galacifolia</i> (Oconee Bells)	White	6 in.	April-May	○ ●	3AHW	12	Carpet; rockery	.55	1.50	5.50
SIDALCEA (Greek Mallow)										
<i>Malvaeflora</i> , Rosy Gem	Bright rose	2½-3 ft.	June-July	○	2; 4	18	Border	.55	1.50	5.50
SPEARMINT (<i>Mentha spicata</i>)										
	Green leaves	2 ft.		○ ⊙	1; 2; 4	12	Herb garden	.50	1.35	4.75
SPIRÆA (Meadowsweet)										
<i>Filipendula Double</i> (Dropwort)	Cream-white	1½ ft.	June-July	○ ⊙	2; 4	12	Border; cutting	.55	1.50	5.50
STATICE (Sea Lavender)										
<i>Latifolia</i>	Purple-blue	1½-2 ft.	July-Aug.	○	3	24	Border; cutting	.50	1.35	4.75
STOKESIA (Cornflower Aster)										
<i>Cyanea</i> , Blue	Lavender-blue	1-1½ ft.	July-Sept.	○	2S; 4S	12	Border; cutting	.50	1.35	4.75



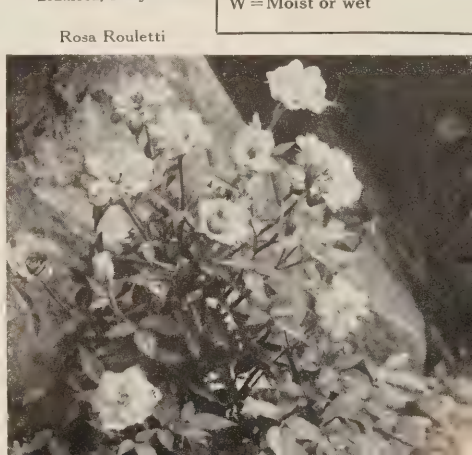
Sedum spectabile



Primula vulgaris



Sidalcea, Rosy Gem



Rosa Rouletti

Explanation of Column Type Soil Preferred

1 = Poor sandy or clay soil
2 = Deep (10 in.) light loam
3 = Sandy loam + leaf mould
4 = Deep (10 in.) med. loam
5 = Heavy loam or clay loam

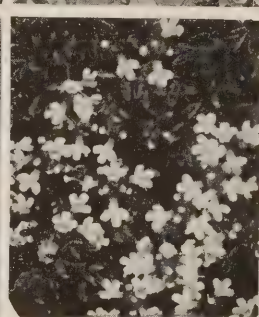
A = Acid or sour
C = Crushed limestone
D = Dry or ordinary
G = Gravel or rubble
H = Humus or peat
K = Lime or alkaline
L = Leaf mould
M = Manure, fertilizer
P = Poor, no manure
S = Sandy or gritty
W = Moist or wet



Statice latifolia
See page 19

Trollius, Europæus
Yucca filamentosa

Veronica longifolia subsessilis



Thymus Serpyllum
Tiarella cordifolia

In column Sun Needed ○ means full sun, ⊙ half shade-half sun, ● full shade

	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
TARRAGON True French	Green leaves	2 ft.		○●	1; 2	12	Herb garden	\$0.55	\$1.50	\$5.50
THALICTRUM (Meadow-Rue)										
Aquilegifolium	Rosy purple	2-3 ft.	June-July	○●	2HM	12	Border; cutting	.50	1.35	4.75
Glaucum (Blue-gray leaves)	Chinese yellow	3-4 ft.	July	○●	2, 4HS	12	Specimen; woods	.60	1.65	6.00
THERMOPSIS (Carolina Lupine)										
Caroliniana	Yellow	2 ft.	June-July	○●●	2; 4	12	Border; woods	.50	1.35	4.75
THYMUS (Thyme)										
Lanuginosus (Woolly-leaved)	Rosy lilac	4 in.	June-Aug.	○	2SD; 3D	6	Carpet; rockery	.50	1.35	4.75
Serpyllum coccineum	Purple-red	3 in.	June-Aug.	○	2SD; 3D	8	Carpet; rockery	.50	1.35	4.75
Serpyllum, White	White carpet	3 in.	June-Aug.	○	2SD; 3D	8	Edges; rockery	.50	1.35	4.75
Vulgaris (Common Thyme)	Lilac-purple	8 in.	May-June	○	2SD; 3D	8	Edges; herb	.50	1.35	4.75
TIARELLA										
Cordifolia (Foam-Flower)	Cream-white	1 ft.	May	●●	2HW	12	Woods; masses	.50	1.35	4.75
TRILLIUM (Wake Robin)										
Grandiflorum	White to pink	12-15 in.	April-June	●●	3AHMW	12	Rockery; woods	.55	1.50	5.50
TRITOMA (Red-Hot Poker)										
Pfitzer's Hybrids	Red, orange	3 ft.	Aug.-Oct.	○	2SD	12	Border; cutting	.50	1.35	4.75
TROLLIUS (Globe-Flower)										
Europæus, Yellow	Light yellow	2 ft.	May-Aug.	○●●	5SHMW	10	Pool margins	.60	1.65	6.00
Europæus, Orange Globe	Orange-yellow	2 ft.	May-Aug.	○●●	5SHMW	10	Damp woods	.60	1.65	6.00
TUNICA (Coat-Flower)										
Saxifraga	Light pink	6 in.	June-Sept.	○	2SGD	8	Walls; rockery	.50	1.35	4.75
Saxifraga, Double Rose	Deep rose-pink	6 in.	June-Nov.	○	2SGD	8	Rockery; edges	.55	1.50	5.50
VALERIANA										
Alba	White	2 ft.	June-Oct.	○	2KD	12	Borders; walls	.50	1.35	4.75
Coccinea	Rose	2 ft.	June-Oct.	○	2KD	12	Borders; walls	.50	1.35	4.75
VERBASCUM (Mullein)										
Cotswold Gem	Amber and purple	4 ft.	July-Sept.	○	2; 4SD	8	Background	.60	1.65	6.00
Pink Domino	Rose pink; buff	3 ft.	June-Sept.	○	2; 4SD	8	Border; masses	.60	1.65	6.00
VERONICA (Speedwell)										
Amethystina, Royal Blue	Dk. gentian blue	10-15 in.	June-July	○	4	12	Border; rockery	.55	1.50	5.50
Incana (candida)	Porcelain-blue	12 in.	June-Aug.	○	2; 4	10	Rockery; edges	.55	1.50	5.50
Incana rosea	Pink	12 in.	June-Aug.	○	2; 4	10	Border; masses	.55	1.50	5.50
Longifolia subsessilis	Purple-blue	2 ft.	July-Sept.	○●	4	18	Border; cutting	.55	1.50	5.50
Rupestis	Bright blue	3-4 in.	June	○●	2S	8	Carpet; rockery	.55	1.50	5.50
Spicata, Blue Spires	Deep blue	2 ft.	June-July	○	4	15	Border; cutting	.55	1.50	5.50
VINCA (Myrtle; Periwinkle)										
Minor, Bowles \$20 per 100	Bright blue	6 in.	May-June	●●	2; 4	10	Carpet; graves		1.00	3.00
VIOLET										
Royal Robe	Single, violet	6 in.	Apr.-May	●●	3HW	8	Woods; rockery	.50	1.35	4.75
VITEX (Chaste Tree)										
Macrophylla. Ht. 18-24 in.	Lavender-blue	5 ft.	July-Oct.	○	Any	48	Border specimen	1.25	3.50	12.50
YUCCA (Adam's Needle)										
Filamentosa	Creamy white	5 ft.	July-Aug.	○	1; 2; 4D	36	Border accent	.55	1.50	5.50

WE DESIGN PLANS FOR PERENNIAL BORDERS

To plan a perennial flower border is perplexing because of the variables involved; viz., blooming season, foliage, height, spacing, and color. We plan perennial borders for ten cents per square foot of border, in addition to the plant cost. Bring in a sketch showing dimensions, grade, background, sun-shade exposure, color and season preference. We'll do the rest.

We cannot plan rock gardens but can select suitable plants to give color and foliage contrast over the season if you will tell us how many plant soil pockets you wish to fill.

GROUND COVERS

In nearly every garden there are some places where a ground cover, in one form or another, will reduce upkeep or give a better effect. Carpet plants are especially useful in places where it is impossible because of tree roots or soil conditions, to grow a lawn. Here are some ground-cover plants among which you will very likely find the answer to your problem. All are hardy in this latitude.

Ajuga (Bugle). This dwarf, creeping perennial makes a splendid ground cover in either sunny or shady places. The leaves are a rich, shiny green with deep blue flowers on short stems in May and June. Space plants 10 inches apart. 3 for \$1.35; doz. \$4.75; \$30 per 100.

Arenaria verna caespitosa. Useful only in spaces between flagstones, around stone steps and walls. Forms a grass-like, deep green mat 2 inches high and bears tiny white star flowers in May. Likes a sandy, leaf-mould loam in sun or shade. 3 for \$1.35; doz. \$4.75.

Ampelopsis quinquefolia (Virginia Creeper). This is fine for covering large banks or wooded areas in either sun or shade. It is a vigorous, fast-growing vine with attractive foliage which becomes a scarlet-gold tone in the fall. Plant 5 feet apart. 3 for \$2; doz. \$7.

Asperula odorata (Sweet Woodruff). An 8-inch ground cover with fragrant white flowers in May. The small, light green foliage is attractive. Thrives in moist shade but does well in half shade or sun in humusy soil. Plant 12 inches apart. 3 for \$1.35; doz. \$4.75.

Celastrus scandens (Bittersweet). A vigorous, rampant vine for covering large slopes or areas in sun or shade. It has large, handsome, light green foliage and in May and June bears yellow flowers. In the fall the clusters of yellow orange-capsuled fruit appear. It has no soil preference. Plant 3 feet apart. 3 for \$2.10; doz. \$7.75.

Epimedium (Barrenwort). A distinctive ground cover in sun or shade but better in half shade. Spaced 9 inches apart they form a solid 9 to 12-inch carpet with light green, heart-shaped, leathery leaves, bronze edged in the fall. They bear a mass of flowers in May and June and like a peaty loam. **Alpinum rubrum**, red and white; and **Macranthum niveum**, pure white. Each, 3 for \$1.50; doz. \$5.50.

Euonymus acuta. This prostrate, spreading vine forms a shiny, dark evergreen, dense carpet. Prevents weed growth. Does well in full sun, half shade or dense shade. Space 18 inches apart. 3 for \$1.50; doz. \$5.50.

Gaultheria procumbens (Wintergreen). In small areas in half shade or full shade, this forms a carpet of oval, waxy leaves from 3 to 6 inches in depth and usually bears white nodding flowers in July and edible scarlet berries in fall. It likes a sandy, peaty, moist soil. Space 6 inches apart. 3 for \$1.35; doz. \$4.75.

Iris cristata (Crested Iris). Beautiful carpets in small areas if the soil is moist and contains lots of humus, if located in half shade or full shade. The semistylate blue flowers, 4 inches high, appear in late April and May. Space 6 inches apart. 3 for \$1.35; doz. \$4.75.

Ivy, Baltica (Hedera helix gracilis). The dark green leaves are deeply cut. A delightful, hardy ground cover in half shade or full shade, growing dense with time. Likes rich moist soil. Allow 1½ square feet per plant. In soil, doz. \$2.10; flat of 25 plants \$4.

Ivy, English (Hedera Helix). This hardy, shiny-leaved vine makes a splendid ground cover in light sun or half shade and also in the densest shade. It thrives in a rich moist soil, becomes very dense and makes a fine carpet for daffodils. Allow 1½ square feet per plant. In soil, doz. \$2.10; flat of 25 plants \$4.

Lonicera Halliana (Hall's Honeysuckle). This is excellent for steep banks in either sun or part shade. It is vigorous, with almost evergreen foliage and very fragrant white flowers, which turn to yellow, all through summer. It has no soil preference. Stagger plants 6 feet apart. 3 for \$2; doz. \$7.25; \$55 per 100.

Pachysandra terminalis (Japan Spurge). The erect, 8-inch plants spread rapidly by side growth under the soil. Will grow in any shade condition even under pine trees and will tolerate half-sun. Valuable for use as a ground cover under shrubs and trees, along walks and drives, and on steep terraces. Plant four or less to the square foot. In soil, doz. \$2; flat of 50 for \$7.50.

Phlox divaricata (Blue Phlox). A very useful ground cover if spaced one foot apart in enriched humusy loam. The open plants, 10 inches high, with attractive clusters of lavender-blue flowers in April and May, will grow well in sun, half shade or full shade. 3 for \$1.50; doz. \$5.50.

Phlox aubulata (Moss Pink). These become a mass of color in April and May if in full sun. Growing about 6 inches high, they like a sandy or gravelly light soil, preferably on the acid side, and can withstand drought. Plant 15 inches apart. They come in **Carmine-red, Blue, Rose and White.** Each, 3 for \$1.35; doz. \$4.75.

Polygonum Reynoutria (Dwarf Lace Plant). This 8-inch ground cover for sunny places is very hardy and establishes itself readily from underground runners. It does best in full sun and its pale green foliage turns bright red in the fall. In September it bears numerous airy, pale pink flower-sprays. Plant about one foot apart. 3 for \$1.65; doz. \$6; \$40 per 100.

Sedum acre minus (Gold Moss). The dense, creeping evergreen mats, if planted one foot apart in a sunny place, will form a solid 2-inch carpet of fine green leaves. This will be covered with a mass of bright yellow, small flowers in May and June. Likes a rather dry, sandy soil and does well even in a poor, thin soil. 3 for \$1.35; doz. \$4.75.

Sedum sarmentosum (Stringy Stonewort). This spreads rapidly and is useful in covering a hot, dry, sunny bank in poor soil. It is 4 inches high with flat leaves and sprays of bright yellow flowers from June to August. Space one foot apart. 3 for \$1.50; doz. \$5.50.

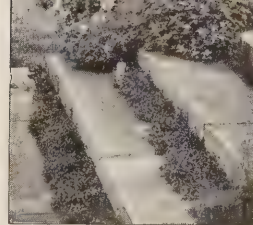
Sedum stoloniferum (Running Stonewort). A 6-inch ground cover may be made by spacing these creeping plants one foot apart. The pink flower clusters come in July and August on flat, succulent foliage. Likes a sunny, dry, sandy soil. 3 for \$1.35; doz. \$4.75.

Thymus lanuginosus (Woolly-leaved Thyme). A hardy creeping plant, 4 inches high, with small, rosy lilac flowers from June to August and has downy, gray foliage. If planted 6 inches apart, it forms a splendid carpet in a sunny, dry spot. 3 for \$1.35; doz. \$4.75.

Thymus Serpyllum (Creeping Thyme). A sprawling, 3-inch evergreen, with rooting stems. The dense leaves are covered with tiny blooms from June to August. It thrives in poor, dry soils in sun and is fine between flagstones. Space 8 inches apart. We have two kinds: **coccineum**, purple-red flowers; and **White.** Each, 3 for \$1.35; doz. \$4.75.

Veronica rupestris (Rock Speedwell). This neat trailing plant, 3 to 4 inches high, is ideal when planted between flagstones or as a carpet among small spring flowers. It enjoys any good soil in sun or half shade and bears small, bright blue flower spikes in June. Plant 8 inches apart to form a thick mat. 3 for \$1.50; doz. \$5.50.

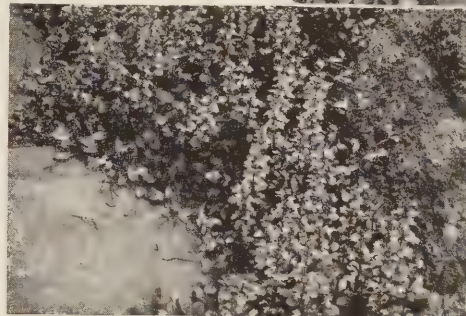
Vinca minor, Bowles (Myrtle). A fine full- or half-shade, 6-inch ground cover, with broad, glossy green foliage. It bears blue flowers in May and June and is splendid as a ground cover around daffodils. Plant 6 inches apart for a solid carpet; 12 inches if time to grow out. In soil flats of 24. doz. \$3; \$20 per 100.



Veronica rupestris



Vinca minor
(Periwinkle)
Bowles Myrtle



Ajuga reptans



Epimedium macranthum niveum



Sedum acre minus



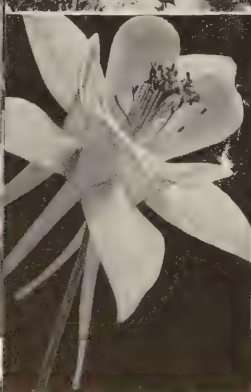
Pachysandra terminalis



Alyssum saxatile
compactum



Arabis alpina, Spring Charm
See page 23



Anthemis
tinctoria
See page 23



Anchusa
myosotidiflora

Seeds of Perennial Flowers

The varieties of seed which we include in this section produce plants which live on from year to year, increasing in size and beauty with age. A few exceptions are the biennials listed, such as *Campanula Medium*, *Digitalis*, etc., which bloom the second year and then die.

Perennials, used in permanent beds, come in a great variety of color and plant habit, ranging from the dwarf edging plants to the tall stately plants for backgrounds. They provide bloom from early spring to killing frost, and many show color before the annuals come to bloom.

Culture. The seed is generally started outdoors from June to September, and the young plants are either set in their permanent places in the fall and given light protection the first season, or carried over in a cold-frame and set out the following spring. After that, all except the half-hardy varieties require little attention, except to keep the flowers cut to prevent the seed-pods from forming. Some are as easily raised from seed as annuals; quite a few may be forced; others make fine pot-plants and splendid cut-flowers.

ALYSSUM

Madwort. Early-flowering plants suitable for sunny margins and borders or a sunny rock-garden. Plant 8 inches apart in well-drained soil. Very attractive for carpeting beds of tall spring bulbs.

Saxatile compactum.

Pkt. 15c; $\frac{1}{4}$ oz. 45c; oz. \$1.35
Basket of Gold. Large clusters of bright golden yellow flowers in early spring, on gray-foliaged 12-inch plants.

Saxatile citrinum.

Pkt. 15c; $\frac{1}{4}$ oz. 55c; $\frac{1}{2}$ oz. 95c
Similar to the above but with lovely pale yellow flowers which blend beautifully with pink or lavender.

ANCHUSA

Alkanet. Branching plants which like a deep, well-drained soil in full sun. When not crowded they form beautiful specimens, with their forget-me-not-blue flowers and hairy, silvery green foliage.

Italica, Dropmore.

Pkt. 15c; $\frac{1}{4}$ oz. 60c; oz. \$1.70

Tall spikes of rich gentian-blue from June to September, on 4 to 5-foot stately plants.

Myosotidiflora.

Pkt. 25c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.25

Quite distinct with dwarf 12-inch plants, having large rounded leaves and sprays of clear blue forget-me-not flowers in April and May, much earlier than the other varieties. It is useful for the rock-garden.

ANEMONE

Windflower. These are gorgeously flowered plants, ideal for rock-gardens or low borders, but the seed should be sown where the plants are intended to bloom and thinned out to at least 8 inches apart.

St. Brigid, Mixed.

Pkt. 25c; $\frac{1}{4}$ oz. 90c

Single and semi-double cup-shaped flowers 3 to 5 inches across in great abundance on 1-foot plants from April to June. They come in bright shades of scarlet, purple, maroon, and lilac.

AQUILEGIA *coerulea*

Columbine has been popular through the ages, but the recent long-spurred developments are a gorgeous spectacle in late spring and early summer, and account for the renewed interest in this flower. All prefer partial shade and do best if 10 inches apart in soil enriched with peat moss or humus.

LONG-SPURRED VARIETIES

The graceful flowers, on strong wiry stems, are delightful for cutting and are unusually beautiful in garden beds.

Blue Shades (Special Strain).

Pkt. 20c; $\frac{1}{4}$ oz. 60c

This is a very excellent selection. The plants grow 3 to 4 feet high and bear huge long-spurred blue flowers.

Chrysantha.

Pkt. 20c; $\frac{1}{4}$ oz. 60c

A beautiful yellow, long-spurred strain. Forms a very satisfactory plant carrying many fine flowers.

Crimson Star.

Pkt. 30c; $\frac{1}{2}$ oz. 85c

Huge long-spurred flowers of rich crimson with white centers. This is a very outstanding and attractive variety.

Orange and Scarlet Shades.

Pkt. 20c; $\frac{1}{4}$ oz. 60c

Large flowers in these unusually attractive shades with long spurs, on 2½-foot plants.

Rose Queen.

Pkt. 20c; $\frac{1}{4}$ oz. 60c

A profusion of beautiful, large flowers in shades of rose with white corolla and yellow centers, on 3-foot plants.

Snow Queen.

Pkt. 20c; $\frac{1}{4}$ oz. 60c

The large, pure white flowers are held erect on strong, wiry stems. The vigorous plants grow about 3 feet high.

Mrs. Scott Elliott's Hybrids.

Pkt. 25c; $\frac{1}{4}$ oz. 70c; $\frac{1}{2}$ oz. \$2

Large flowers with broad guard petals and very long spurs gracefully poised on long stems, on 3-foot plants

ANTHEMIS

Camomile. Excellent free-flowering plants which thrive if set 12 inches apart, even in dry, poor soils.

Tinctoria.

Pkt. 15c; 1/4oz. 45c

Yellow Marguerite. A profusion of lemon-yellow daisy flowers which are excellent for cutting throughout the summer. On 2-foot plants with elegantly cut foliage. Will bloom the first year if the seed is started indoors early.

ARABIS

Rock Cress. For edgings, rock-gardens or dry walls. Plant 6 inches apart in good soil, in sun or shade

Alpina, Spring Charm.

Pkt. 20c; 1/2oz. 65c; 1/4oz. \$1.10

This variety is similar in habit to the white form, but the flowers are a real deep red color.

Alpina, Snowcap.

Pkt. 20c; 1/2oz. 50c; 1/4oz. \$1.50

A strain with nice compact, dwarf 8-inch plants and shining, snow-white cushions of flowers.

ARMERIA

Sea Pink. Six-inch edging and rock plants, with bright, globular flower-heads above grassy tufts from May to July. Set the plants 6 to 8 inches apart in dry, sandy soil and in a sunny position.

Alpina.

Pkt. 20c; 1/2oz. \$1.10

Fine for edgings and rock-gardens, with compact, grasslike tufts, 3 inches high, covered with bright rose flowers.

ASTER

Starwort. Beautiful daisy flowers so popular for edging borders. For other Asters see Annual List.

Alpinus, Goliath.

Pkt. 20c; 1/2oz. 85c; 1/4oz. \$1.70

This is a compact, dwarf variety, 8 inches high, having soft blue, daisy flowers with yellow centers in May and June. It will do well in any good soil and is very attractive for rock-gardens or border edges. Plant 8 inches apart.

AUBRIETA

Fine as a rock-plant, this also forms beautiful carpets for beds planted with bulbs. Set the plants 6 inches apart in any well-drained soil. On heavy, damp soils they are apt to freeze out in winter.

Giant Flowered Hybrids.

Pkt. 15c; 1/4oz. 45c

A superior strain in size of bloom and including every shade of deep red, rosy violet, rose, violet-lavender, pink, purple, mauve, etc. Spreading, needle-leaved plants forming a carpet 6 inches deep.

BELLIS PERENNIS

English Daisy. Succeed best in a medium moist soil, but fail in dry soils and hot positions. Used for edgings and for carpeting. Set plants 4 to 6 inches apart and protect lightly over winter.

Monstrosa maxima. Extra-Double Giant Mixed.

Pkt. 15c; 1/2oz. 90c

This is a very fine, large-flowering, extra-double strain, with full-centered flowers on compact plants 6 inches high.

CAMPANULA

Bellflower. A rich, well-drained, light soil grows them to perfection, if 10 inches apart in full sun.

Medium calycanthema, Mixed.

Pkt. 15c; 1/2oz. 45c; 1/4oz. 80c

Cup-and-Saucer. A biennial with tall, erect-growing 2 1/2-foot plants, covered with large cup-and-saucer flowers during late May and June, which last a week or more when cut.

Medium Single, Mixed.

Pkt. 15c; 1/4oz. 45c

Canterbury Bells. A biennial with 2 1/2-foot plants of pyramidal form and large single bells in June and July.

Persicifolia, Telham Beauty.

Pkt. 20c; 1/2oz. 85c

Large, single, globular, open flowers of delicate china-blue with silvery shading on 4-foot plants with wiry stems.

CANDYTUFT

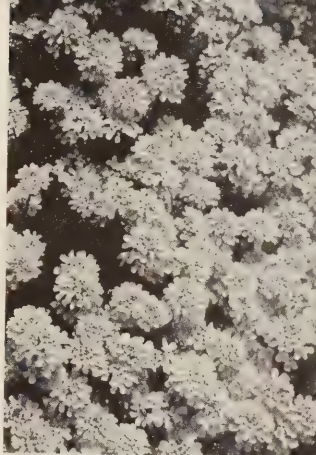
Iberis. Fine for the rock-garden and margins in sun in good soil, 6 inches apart. Also see Annual List.

Sempervirens.

Pkt. 20c; 1/2oz. 65c; 1/4oz. \$1.95

The most commonly grown of all. The beautiful, pure white flower-heads from April to June form a sheet of bloom, completely covering the dark green foliage. Excellent for edging and for rock-gardens. Height 10 inches.

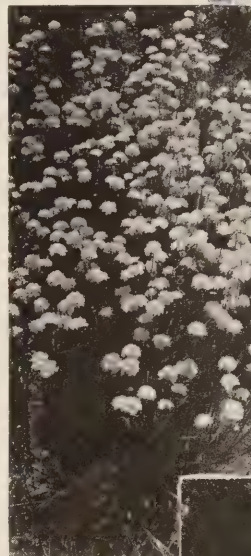
For large, well-grown plants of above in 5 or 6-inch pots see Perennial Plant pages 13 to 20.



Candytuft
Iberis sempervirens



Campanula Medium, Single



Armeria alpina



Aster alpinus,
Goliath



Coreopsis, Double Sunburst



Digitalis, Giant Shirley



Dianthus plumarius
Dwarf Double, Mixed

Delphinium
Pacific Giant Hybrid



Doronicum caucasicum
See page 25

CARNATION

These do well in any good, light, well-drained soil if spaced 12 inches apart. Fine for cutting and are usually started in summer and carried over with protection to bloom the following spring.

Half-High Grenadin, Mixed.

Pkt. 20c; 1/4oz. 55c; 1/2oz. 95c

A splendid cut-flower, with grassy, pink-like foliage on 20-inch free-flowering plants blooming outdoors in June.

Early Dwarf Vienna, Double, Mixed.

Pkt. 20c; 1/4oz. 80c

Popular strain for hardy border plants, 14 inches high, with extra-double large flowers early in June.

CENTAUREA

Cornflower. This will thrive in any good garden soil in sun or half-shade if spaced 15 inches apart.

Dealbata, Rose Delight.

Pkt. 20c; 1/8oz. 45c; 1/4oz. 80c

Pretty rose-pink, thistle-like flowers from June to August on 2-foot plants which have attractive foliage.

Montana.

Pkt. 15c; 1/8oz. 40c; 1/4oz. 65c

Large, purple-blue Cornflowers, June to September, fine for cutting and for borders. Silvery foliage. Ht. 1 1/2 feet.

COREOPSIS

Tickseed. For border and cut-flowers. Plant 1 foot apart in well-drained, medium soil and full sun.

Double Sunburst.

Pkt. 15c; 1/4oz. 40c; oz. \$1.20

Large, full, double golden yellow flowers, 1 1/2 to 2 inches across, for cutting and for display on 2 1/2-foot plants.

DELPHINIUM

These tall, stately flower spikes of unsurpassable beauty will grow in every garden, but best results are obtained in cooler latitudes. Most effective a foot apart in groups. Require a deep, well drained soil.

Belladonna Improved or Cliveden Beauty.

Pkt. 25c; 1/8oz. 95c; 1/4oz. \$1.80

This is an improved strain, with large flowers of iridescent, light turquoise-blue on plants 4 feet high.

Bellamosum Improved.

Pkt. 25c; 1/8oz. 95c; 1/4oz. \$1.80

This is really a dark blue form of the Belladonna, and very uniform in color, with spikes 2 1/2 inches across. Each dark blue floret has a white bee. The plants grow to a height of only 3 1/2 feet.

Giant Exhibition Hybrids, Blackmore & Langdon's.

Pkt. 35c; 1/4oz. \$1; 1/2oz. \$1.65

This English strain is one of the finest developments. The flowers are enormous, produced on solid erect spikes 6 feet high. Colors include delicate shades of blue, mauve, and pink.

Hollyhock-flowered Wrexham Hybrids.

Pkt. 35c; 1/8oz. 75c; 1/4oz. \$2.30

Flowers of superb size, exquisitely proportioned, on spikes like tapered 6-foot spires, with beautiful florets in lovely tones of blue, mauve, lilac, purple and violet in wonderful variations.

Pacific Giant Hybrids.

Each, pkt. 50c; 1/8oz. \$1.80; 1/2oz. \$2.95

A remarkable new strain with huge, well-formed, 2 1/2-inch florets, nearly all double, evenly spaced on well-balanced tapering spikes with thin woody stems. This variety is comparatively mildew-resistant and is the world's best strain. Height 5 to 7 feet. **Black Knight**, dark blue; **Blue Bird**, medium blue, white bee; **Cameliard**, lavender; **Galahad**, white; **King Arthur**, violet, white bee; **Lancelot**, lilac, white bee; **Summer Skies**, light blue, white bee; and **Mixed**.

DIANTHUS

Pinks. Space 10 inches apart in well-drained, gritty, limed soil in the sunny rock-garden or border.

Plumarius Dwarf Double, Mixed.

Pkt. 20c; 1/4oz. 55c; 1/2oz. 95c

Very excellent, free-flowering, 12-inch plants with fragrant double blooms on wiry stems, above grasslike foliage.

DIGITALIS

Foxglove. Biennials and should be sown every year. In ordinary soil in sun or shade, they are very effective in masses. Plants, 8 inches apart, set out in the fall, must be protected. Bloom in June-July.

Giant Shirley, Mixed.

Pkt. 15c; 1/8oz. 45c; 1/4oz. 80c

A superb mixture with very large flowers in shades of pink and white, attractively spotted with brown and maroon. The tall, stately plants, about 4 feet high, hold long spikes which are striking against a dark background.

DICENTRA (Bleeding-Heart)

It is quite difficult to grow these from seed. We suggest that you start with plants and, after a year or two, increase your planting by dividing the plants. We offer Dicentra plants, established in large pots, on page 15.

DORONICUM

Leopardbane. This hardy, 2-foot perennial blooms outdoors in April and May. The plant divisions, potted up in December, easily flower in a cool greenhouse by February. Seed germinates slowly.

Caucasicum magnificum.

Magnificent daisy-like flowers of golden yellow on good stems for cutting, above heart-shaped leaves. Plant 8 inches apart in heavy soil in sun or partial shade. Water freely in dry weather.

Pkt. 20c; $\frac{3}{8}$ oz. 75c

GAILLARDIA GRANDIFLORA

Blanket Flower. Gay round ray-petaled flowers in continued profusion through June to November. They are admirable for dry sunny locations and hardly seem to need water. Plant 8 inches apart in rich but light soil, and give slight winter protection. Excellent for cut-flowers. They will bloom the first year from seed sown early indoors. For other varieties see Annual List.

Burgundy.

The flowers are 2½ inches across on long stiff stems, 65 per cent coming coppery scarlet. Height 2½ feet.

Pkt. 15c; $\frac{1}{4}$ oz. 55c; $\frac{1}{4}$ oz. 95c

Goblin.

Large yellow flowers with deep red centers on very compact globular plants 15 inches high. Excellent for beds.

Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. \$1.10

Portola Hybrids.

Large flowers, often 4 inches across, of bronze-red-scarlet intensified by golden yellow petal tips on 2½-foot plants.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c

GEUM

Avens. A wealth of gracefully poised, attractive flowers above plant tufts of pinnate leaves. They are excellent for the border and are prized for cutting. Set the plants 8 inches apart in good soil in sun. Water well in summer and protect through the first winter. Bloom first year from seed sown early indoors. Height 2 feet. **Lady Stratheden**, golden yellow; **Mrs. Bradshaw**, orange-red.

Each, pkt. 15c; $\frac{1}{8}$ oz. 65c

GYSOPHILA

Baby's Breath. Much prized for their many feathery panicles of small starry flowers. Plant 2 feet apart in well-drained medium soil containing lime, in a sunny position. For others see Annual List.

Paniculata, Single.

Tiny white single flowers in graceful feathery panicles on thread-like stems during June and July. They are very popular for cutting to blend with bouquets of other flowers. Height 3 feet.

Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. \$1

Paniculata, Double, Snow White.

The double form of Baby's Breath and comes about 80 per cent double, on 2½-foot plants. Fine for cutting.

Pkt. 25c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

HEUCHERA

Coral Bells. These are suitable for cutting and effective for margins, as edgings to walks, and planted in the rock-garden. They should be placed in a sunny, well-drained, fairly rich soil 12 inches apart.

Sanguinea splendens.

Graceful panicles of coral-red bell-like flowers on 12 to 18-inch stems, from June to September, above dwarf, compact heart-shaped foliage. Height 2 feet.

Pkt. 20c; $\frac{1}{4}$ oz. 85c; $\frac{3}{8}$ oz. \$1.50

HOLLYHOCK

Althæa rosea. These stately biennial plants are indispensable for garden display, especially as back-grounds and in front of walls. They require rich, well-drained, medium light soil in full sun.

Superb Double Mixed.

The tall spikes, 7 feet high, are closely set with showy double flowers in a great range of beautiful colors.

Pkt. 15c; $\frac{1}{4}$ oz. 65c; oz. \$1.95

HONESTY

Lunaria. Moonwort. Admired for its silvery, flat, round seed-pouches used for winter bouquets. Space plants 18 inches apart in full sun in good soil. Avoid cutting the flowers. Ht. 2 ft. Biennial.

Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 55c

LAVENDER

Lavender. Delightfully fragrant flowers. Space plants 1 foot apart in warm dry sandy soil. Sow in fall.

Munstead Strain.

The finest strain obtainable, with plants 1 foot high which produce their lavender-blue flowers in June.

Pkt. 25c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$2

For large, well-grown plants of above in 5 or 6-inch pots see Perennial Plant pages 13 to 20.



Gypsophila paniculata
Single

← Geum



Gaillardia grandiflora,
Burgundy



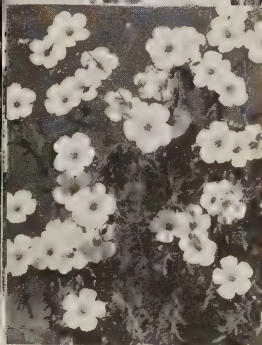
Hollyhock,
Superb Double



Heuchera
Sanguinea
Splendens



Poppy.
Oriental



Linum perenne, Blue



Physostegia virginica



Russell Lupines

Platycodon
grandiflora, Blue



LIATRIS

Gayfeather. Excellent flower spikes for cutting and for massed borders. Likes light to medium soil.

Pycnostachya.

Pkt. 20c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

Unusual in appearance with attractive, 4-foot rich purple flower spikes in August-September. Likes dry soil.

Spicata.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

Lavender-purple, 2-foot flower spikes in September-October. Does best in moist soil in half or full shade.

LINUM

Flax. Best in groups, setting the plants 8 inches apart in sandy or well-drained, light soil, in the sun.

Perenne, Blue.

Pkt. 10c; $\frac{1}{4}$ oz. 25c

Pale blue, round flowers through summer, on slender, graceful stems above feathery foliage. Height 1½ feet.

LOBELIA

This is ideal for a partially shaded, moist location where the soil contains a lot of humus.

Cardinalis.

Pkt. 20c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.80

Cardinal Flower. Fiery cardinal-red flower spikes in July and August on 2½-foot plants, in half or full shade.

LUPINUS

Lupine. Beautiful, stately perennials with bold spikes of pea-shaped flowers in May and June. They like a warm, sheltered position in well-drained, light or medium, slightly acid soil. Space plants 10 inches apart. Avoid lime but water thoroughly in dry weather. For other varieties see Annual List.

Russell, Mixed.

Pkt. 20c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c

Enormous, well-rounded, symmetrical, 3-foot spikes, closely set from top to bottom with individual florets an inch across. The 4-foot plants have attractive foliage. In extraordinary color combinations.

MYOSOTIS

Forget-me-not. Dainty, freely produced flowers which are delightful for edgings, under tulips or shrubs. Thrives in moist shade. Sow the seed in July and transplant to have bloom in May.

Palustris semperflorens.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

These are the true perennials, with small, pale blue flowers in May and June, on plants 10 inches high.

PHYSOSTEGIA

False Dragonhead. When spaced 12 inches apart they thrive in ordinary soil in sunny borders.

Virginica.

Pkt. 15c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

Large dense, 3-foot bushes with terminal spikes of delicate lilac-pink tubular flowers, from July to September.

PLATYCODON

Chinese Bellflower. These thrive in a well-drained, sunny border, but do best if the border is slightly elevated. Set the silvery-foliaged plants 8 inches apart and disturb as little as possible.

Grandiflora, Blue.

Pkt. 20c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.70

Deep blue, 3-inch bell-flowers with pointed recurved petals, in June and July on 20-inch stems. Height 2 feet.

POPPY

Papaver. Of great value in the garden, these make a gorgeous display of rich brilliance which nothing can equal. Whether planted singly or in masses, their intense color makes them conspicuous in any position. Grow the seedlings in pots, as they resent transplanting. If the flowers are cut when in bud they will keep in water for several days. For others see Annual List.

Oriental, Brilliant.

Pkt. 25c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

The vivid fiery red flowers are often 6 inches in diameter, and freely produced on long-stemmed 3-foot plants.

Oriental, Mixed.

Pkt. 20c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.80

Made up from seed saved from a great variety of extra-fine named sorts. Excellent for colorful display beds.

Iceland, Kelmscott Giants, Mixed.

Pkt. 20c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

Flowers often 3 inches across, on long stiff stems, for cutting from deep scarlet, through pinks and buffs, to white.

For large, well-grown plants of above in 5 or 6-inch pots see Perennial Plant pages 13 to 20.

PRIMULA

Plant about 6 inches apart in damp, rich loam, with at least partial shade. Ideal for rock-gardens.

Polyanthus, Colossea.

An extra fine new strain which we highly commend. The flowers are larger and come in very unusual colors. Pkt. 25c; $\frac{1}{2}$ oz. \$1.10

Polyanthus, Monarch, Mixed.

Compact 9-inch plants. The flowers, in closely set bunches, come in strong colors and in soft art shades. Pkt. 25c; $\frac{1}{2}$ oz. \$1.10

Polyanthus, Giant Munstead, Mixed.

Bunch Primrose. The plants, 1 foot high, bear bunch-headed flowers in a variety of colors. Pkt. 25c; $\frac{1}{2}$ oz. 95c

Vulgaris.

English Primrose. This delightful hardy variety shows its pale primrose-yellow flowers, one blossom to a stem, in great abundance in April and May. The 9-inch plants are ideal for shaded margins or shaded rock-gardens. Pkt. 20c; $\frac{1}{2}$ oz. 80c

PYRETHRUM

Painted Daisy. These bloom in May and June on plants 2 feet high, and are indispensable cut-flowers. They like a very well-enriched soil in a sunny location, and are best when 1 foot apart in groups. Water liberally in dry weather and cut stems down to their base when first flowers have faded.

Single, Robinson's Dark Crimson.

Neat compact tufts of finely cut foliage with long stems and daisy-like, yellow-centered, dark blood-red flowers. Pkt. 25c; $\frac{1}{2}$ oz. 80c; $\frac{1}{4}$ oz. \$2.20

Select Single Hybrids, Mixed.

This contains crimson, pink, rose and white and is exceptionally fine for a cut-flower bed. Ht. 2 feet. Pkt. 20c; $\frac{1}{2}$ oz. 80c; $\frac{1}{4}$ oz. \$2.20

Extra Double Mixture.

Tufted centers like a double China aster, in pink, rose, crimson and white. Some will come single. Ht. 2 to 2 $\frac{1}{2}$ ft. Pkt. 25c; $\frac{1}{2}$ oz. \$1.10; $\frac{1}{4}$ oz. \$1.90

SCABIOSA

These, for border and cut-flowers, are best spaced 8 inches apart in sandy loam with full sun. They bloom from June through August. If sown indoors during February they will bloom the first year. The seed germinates slowly. Top the seed flats with a thin layer of fine peat moss and sand, making sure to keep moist and shaded. For varieties of Double Scabiosa see Annual List.

Caucasica, Isaac House Giant Hybrids, Mixed.

Very large, superbly fringed and ruffled single flowers from the palest lavender to the darkest blue. Pkt. 25c; $\frac{1}{2}$ oz. 65c

SHASTA DAISY

Chrysanthemum Leucanthemum. Particularly noteworthy for their free-flowering habit and simple beauty. Plant them 1 foot apart in deep rich soil in a sunny position.

Giant Double.

Fluffy shaggy white double flowers, 4 inches across, with narrow, slightly overlapping, irregular petals on fine long stems. The attractive plants bloom for about 3 months. Only 50 per cent come double. Pkt. 25c; $\frac{1}{2}$ oz. \$1

Single, Alaska.

Large 3-inch white daisies, with broad overlapping petals, in profusion on 3-foot plants. From June to September. Pkt. 15c; $\frac{1}{4}$ oz. 60c; oz. \$1.70

STOKESIA

Stokes' Aster. This is a very handsome flower and should be better known. It is best planted 6 inches apart in a warm, sheltered location in well-drained, sandy loam.

Cyanea, Blue.

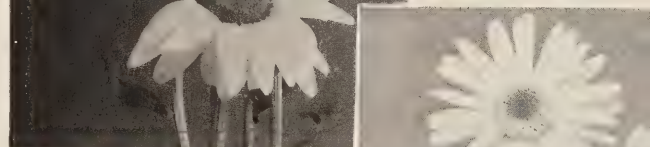
The plants grow about 2 feet high, bearing from July to October a large number of handsome, lavender-blue centaurea-like flowers, from 4 to 5 inches across. They are excellent for cutting and make unusually fine border plants. Pkt. 15c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.35

WE ALSO HAVE PERENNIAL PLANTS IN POTS

To have perennial flowers in your garden borders one year sooner than is possible by growing them from seed, see pages 13 to 20. There we offer and describe 390 varieties of Perennial Plants, including many which are suitable for growing in real shady locations. They are all well established in 5, 6, and some in 7-inch pots, eager to grow on and give you full bloom not only the first year but also the succeeding years.



Giant Double Shasta Daisy



Shasta Daisies, Single Alaska

Pyrethrum, Single and Double Hybrids



Scabiosa caucasica
Isaac House Giant Hybrids

Sweet William
Double Mixed



Veronica spicata



Wallflower
English Double Mixed

Viola cornuta



SWEET WILLIAM

This hardy biennial, flowering in May or June, is best sown in June or July in frames or in the open ground. Transplant the young plants 8 to 12 inches apart in September or October to bloom the following spring. It supplies a wealth of color for the hardy border in spring, and is a useful cut-flower.

Double, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. 95c

This, grown in mixture, is very much more popular than the single varieties, because of the fullness of the flower. The colors include all of the known shades to be found in this class and are very attractive. The strong, robust plants grow to a height of about $1\frac{1}{2}$ feet.

Dwarf Double, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25

This is an unusually fine strain and is ideal for bedding-plant culture. The plants are dwarf, very compact, growing 8 inches high, and make nice pot-plants for spring use. The colors include all of the rich dark tones, as well as the bright, light shades, and are nicely balanced.

THERMOPSIS

Carolina Lupine. A fine plant to contrast with delphinium. Set a foot apart, they will thrive very well.

Caroliniana.

Pkt. 20c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.25

Long racemes of yellow Lupine-like flowers in June and July on fine 2-foot plants. Grows in sun or shade.

TRADESCANTIA

Spiderwort. Thrives anywhere in sun or part shade and blooms from June until fall. It is insect-free.

Mixed.

Pkt. 20c; $\frac{1}{8}$ oz. 75c

The attractive, 3-petaled, 3-sepaled, $1\frac{1}{2}$ -inch flowers come in violet, blue, red, rose and white on 2-foot plants with reed-like foliage. Easily grown from seed and blooms when perennial flowers are scarce.

TRITOMA

Red-Hot Poker. For colorful garden accents these stately flowers, with their brilliant spikes, are very effective in late summer and early fall. Plant them 12 inches apart in a well-drained soil in full sun.

Perpetual Early-flowering Hybrids.

Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 95c

This is the most prolific strain, often 5 to 10 blooms to the plant. Drooping, tubular flowers in dense spikes on long stems above the long, narrow, grassy foliage in salmon-scarlet, orange-scarlet, orange and yellow. Height 3 feet.

VERONICA

Speedwell. Very pretty plants for the perennial border, best spaced 6 to 8 inches apart in groups. They like ordinary soil and a sunny location. To encourage new growth and a new crop of flowers cut back the flowers as they fade. This greatly lengthens the period of bloom.

Spicata.

Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. \$1

Long terminal spikes of violet-blue in June and July, on $1\frac{1}{2}$ -foot plants. Divide the plants every third year.

VIOLA CORNUTA

Tufted Pansies. Because of their perpetual flowering character and the charm of their dainty flowers produced in the greatest abundance, these are becoming more favored each year for the rock-garden and for edging purposes. Good-sized plants can be ready by late spring from a January indoor seeding, although they are usually started in the summer for bloom in the following spring. They appreciate deep soil enriched with rotted manure, and will thrive best planted 8 inches apart in a sunny location. The 8-inch biennial plants bloom continuously through spring and summer.

Mixed.

Pkt. 25c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$2

A well-balanced blend containing apricot, yellow, ruby, blue, purple and white.

WALLFLOWER

Although perennials, these are best treated in northern latitudes as biennials. Sow the seed in June or July and winter over in a protected coldframe for transplanting outdoors when safe in the spring. They come in very rich yellows, browns, purples and dull maroon.

English, Double, Mixed.

Pkt. 20c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.70

A very fine mixture made up from the choicest varieties, with nicely balanced colors. Delightfully fragrant.



HELPFUL BOOKS ON GARDENING Prices subject to change

All About African Violets by Montague Free. Written expressly for the gardeners who want to grow African Violets (*Saint-paulia*) successfully. Has 111 illustrations of propagation and cultural procedures and 28 illustrations in color. \$3.50.

All About House Plants by Montague Free. A complete guide to the successful indoor culture of potted plants including flowers, foliage plants, shrubs, bulbs and vines. Many illustrations. 329 pp. \$3.95.

Azaleas, Kinds and Culture by H. H. Hume. The best book on this subject by a great authority. Covers types, culture, care and all you need know to have full success. 199 pp. \$4.50.

Begonias, Tuberous by Worth Brown. A complete guide for both amateur and specialist. Covers types, indoor and outdoor culture, propagation. 128 pp. \$2.75.

Better Homes & Gardens Garden Book by F. B. Woodruff. Now you can get down-to-earth on all phases of gardening, landscaping, and lawn care. Everything is clearly explained in pictures and everyday language. Illustrated. Chapters tab-indexed. 480 pp. \$3.95.

Better Homes & Gardens Handyman's Book. Specially prepared for those who make their own repairs. Contains everything to know about repairs around the house, furniture, floors, plumbing, electric, heating, inside and outside repairs. Tab-indexed, 1660 pictures, 480 pp. \$3.95.

Bird Guide, Audubon by R. H. Pough. Know your bird neighbors. A book packed with interesting information about the land birds of eastern North America. Colored illustrations of over 400 birds. \$3.50.

Birds of America. The greatest book on birds ever published containing the whole story of bird life. 1000 pictures. Nearly 1000 pages, 111 in color. \$5.95.

Birds, Field Guide to the, by R. T. Peterson. A very clever guide valuable because of its accent on little differences that immediately distinguish birds of similar appearance. Illustrated in color. \$3.75.

Book of Annuals by A. C. Hottes. Annuals as a source of flowers on a small place. Concise and dependable advice—which ones to grow and how to grow them. \$2.75.

Book of Perennials by A. C. Hottes. A wealth of information necessary for the wise choice and successful culture of perennials, the basis of successful borders. \$2.75.

Book of Shrubs by A. C. Hottes. A comprehensive study of shrubby plant material—complete with lists of shrubs for specific areas and a chart to indicate blooming dates, heights and other information. \$4.

Book of Trees by A. C. Hottes. This book covers both deciduous and coniferous trees, giving the care, culture, feeding, pruning, pests, repairs, etc. 448 pp. \$4.

Chrysanthemums, Hardy by Alex. Cumming. A leader in the development of chrysanthemums gives excellent information on the varieties and culture. \$3.

Color and Design for Every Garden by Orloff and Raymore. For constant color and pleasing design, garden patterns, color composition, terraces, shade. Chart for 265 perennials, 50 plans. \$3.50.

Complete Book of Garden Magic by R. E. Biles. Solves every garden problem and graphically illustrates every phase of each operation described. 27 chapters, 320 pages splendidly indexed. \$3.95.

Encyclopedia of Gardening, Taylor's. This new edition has been completely revised and rechecked. It has been expanded by over 1000 entries with special sections devoted to soilless gardens, plant hormones, garden tours, pest control, storage and deep freezing. 1225 pp. \$5.

Encyclopedia, The Wise Garden edited by E. L. D. Seymour. A single big volume that gives the scope and contents of a whole shelf full of garden books. More complete, more detailed, more understandable, more usable than any other garden book. 1380 pages. \$5.

Favorite Flowers in Color. An amazingly different flower book. Hundreds of unusual, practical ideas for creating a beautiful garden to bring year-round color and fragrance. 300 color plates. 640 pp. \$5.95.

Flower Arrangement, Complete Book of by Rockwell and Grayson. A very attractive book offering a great many professional ideas for the effective arrangement of flowers, including the use of color, form and size, containers, backgrounds, etc. 130 illustrations and 89 in color. \$4.95.

Fruits for the Home Garden by W. P. Hedrick. Treats soil, climate, grafting, pruning, spraying, fertilizing, orchard pests, varieties to plant, picking and storage. 16 illustrations, 171 pages. \$3.50.

Garden Bulbs in Color by McFarland, Hatton and Foley. With 275 colored illustrations and over 100 half-tones. The brief text describes each, its use and gives cultural information. 296 pp. \$3.95.

Garden Flowers in Color by D. J. Foley. As an aid in selecting flowering annuals and perennials, this is invaluable with its 350 beautiful color plates and its wealth of information. 320 pp. \$3.95.

Garden in Your Window by Jean Hersey. This interesting book tells from actual experience how to thoroughly enjoy window gardening and make it a diverting, inexpensive pastime. 256 pp. \$3.50.

10,000 Garden Questions edited by F. F. Rockwell. Real questions from real amateurs answered by 15 experts, with brief authoritative answers. Among them you will find the solutions to your garden problems. A quick-action index. 1467 pp. \$4.95.

Garden Planning and Building by Orloff and Raymore. Of great assistance to the small home owner wishing to landscape his own property. A great number of good ideas and suggestions. \$3.95.

Gardening in the Shade by H. K. Morse. With this book any gardener can do something constructive about that shady corner of the garden. It offers suggestions for shaded wild gardens, formal beds, terraces, pools and paths. Illustrated. \$5.

Gardening The Small Place by W. H. Clark. A compact, practical book for the owner of a small suburban plot who wants the most from his garden for the least time, work and money. Covers every garden problem you'll meet. \$3.

Greenhouse Gardening for Everyone by E. D. Chabot. Gives the principles of gardening under glass in down-to-earth language. Every phase from a 2x4 cold-frame to a heated greenhouse. 266 pp. \$4.

Herb Growers Complete Guide, The by R. F. Mathieu. Gives excellent advice on what herbs to grow, how to grow them and how to use them. \$2.50.

Lawns, Better by H. B. Sprague. An expert tells you how to produce the perfect lawn. Includes a guide for identifying different grasses. Illustrated. \$2.25.

Lilies for American Gardens by G. L. Slate. Complete information on all aspects of these popular flowers, with attention to the structure of the plant, breeding, soil, culture, care, etc. Illustrated. \$5.

Making a Garden Bloom This Year by Grace Tabor. How to make the most colorful, most economical and most rapidly maturing of all gardens. What to select, how to prepare the soil. 150 pp. \$1.50.

Nursery-Manual, The by L. H. Bailey. Treats the propagation of plants by seeds, layers, cuttings, grafts, etc. arranged alphabetically. Indexed by common names. 456 pp. \$5.50.

Plant Doctor, The by Cynthia Westcott. The how, when and why of insect and disease control in a healthy garden. It answers the questions which may arise in easily understandable terms. \$3.

Roses, How to Grow by McFarland and Pyle. Every step in the successful growing of roses is made clear. It gives practical advice on how to use roses in the garden, how to locate the beds, prepare the ground, plant, care for in summer, fight pests, protect in winter, prune, and select types and varieties. 192 pp. \$2.49.

Vegetables, How to Grow by H. B. Logan and L. C. Cosper. An interesting, informative book on vegetable and fruit growing for both beginner and experienced gardener. Full tables on pest control, seedling quantities, yields and other essentials. \$3.50.

Weekend Gardener, The by Dorothy Jenkins. Written for the gardener with limited time. Practical suggestions on gardening as fresh and friendly as though given over a picket fence. All phases are covered, the time needed, short cuts to reduce work to a minimum. 280 pp. \$3.

Wild Flowers by Helen S. Hull. How to grow wild flowers in your garden, your rock garden, on a hillside, beside a brook, in the woods. Covers propagation, culture, soils, collecting, care. 280 pp. \$4.95.

Wild Flowers by W. R. Philipson. For all who wish to make a study of wild flowers. It describes the members of each family and where each may be found. \$1.35.



Hybrid Tea, Peace



FOR
CLIMBERS
SEE
PAGE 33

PLEASE NOTE

To hold the
Roses ordered
we need a 50%
deposit with
your order.



Hybrid Tea,
Fred
Howard



READ THIS—Each year many Rose buyers, when they come in to make their selection in May, find that we are sold out of some of their favorites. To avoid disappointment, send us your order with a 50% remittance NOW. We'll reserve your Roses, all 2-year-old, No. 1 grade, field-grown specially for us by the leading quality rose grower of the northwest. Each, grown on outdoors from an early start, will be thoroughly rooted in a 7 x 9-inch pot, fully alive, in leaf and ready to give full bloom from June on. All are the finest quality and best varieties, growing vigorously when you get them.

The American Rose Society gives every Rose a rating. We show this rating after each:
9 up = the finest, 8 up = excellent, 7 up = very good, 6 up = only fair

FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 x 9-inch pots.

Charles Mallerin. \$2.75 ea.; 3 for \$7.95; \$30.60 doz.

Both the attractive buds and the large, high-centered, full flowers of midnight crimson are very, very dark red with a velvety blackish sheen, and the color does not turn blue. They have a marvelous fragrance. The husky plants are tall but not too symmetrical and have healthy, dark green, leathery foliage. They bear the flowers freely on long stems. 30 to 40 petals.

Charlotte Armstrong. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.

All-America Rose Selection, 1941. The long, pointed, blood-red bud opens into a large, high-centered, full flower, cerise in hot weather and spectrum-red in cool weather, and 3 to 4 inches across. The plants are vigorous and very free flowering. The foliage is large, leathery, semi-glossy, deep green and highly resistant to mildew. 30 petals. 9.3

Chief Seattle. \$2.75 ea.; 3 for \$7.95; \$30.60 doz.

This unusually beautiful, high-centered Rose is rich buff-apricot, has a fine tea fragrance, opens very slowly and lasts well. The face of the petal is always lighter than the reverse side. It is good looking both as an open flower and in the daintily graceful, ruffled bud. The plants are very vigorous, with lots of luxuriant, olive-green foliage and long, straight stems. 45-60 petals.

Christopher Stone. \$1.95 ea.; 3 for \$5.55; \$21 doz.

A large, semi-double, vivid scarlet flower overlaid with velvety crimson, of delightful Damask fragrance. In fall the crimson deepens with black shadings. The plants are of vigorous, upright growth with bright green foliage, free flowering and apparently not affected by heat, as they bloom almost continuously. 35 petals. 8.8

Chrysler Imperial. \$3.25 ea.; 3 for \$9.45; \$36.60 doz.

All-America Rose Selection, 1953. A brand-new, rich crimson Rose that presents a series of changing tones as it opens. The color deepens in the shadows and seems brighter in full light. The inner folds are garnet. The large blooms are 4½ to 5 inches in diameter, with broad petals arranged in high-centered form. Buds are usually velvety and gracefully tapered. This is an offspring of the well-known Charlotte Armstrong Rose and has many of its parent's excellent qualities. Flowers are carried single on strong stems of moderate length. The plant is compact in growth. 40-50 petals.

Crimson Glory. \$2.15 ea.; 3 for \$6.15; \$23.40 doz.

The large, long-pointed buds open to beautifully formed, semi-double, cupped flowers of an intense deep vivid crimson shaded oxblood-red and mellowed by a soft velvety nap. The wonderfully fragrant blooms are recurrently borne on very vigorous, compact bushes with healthy, profuse, leathery foliage. 30 petals. 9.5

Dainty Bess. \$1.95 ea.; 3 for \$5.55; \$21 doz.

Without a rival, an outstanding, charming **single** Rose of perfect form. The slightly fragrant, broad petals of delicate soft rose-pink form a beautiful contrast with the conspicuous crimson stamens. The strong, heavily foliated plants are of excellent blooming habit. 5 petals. 8.7

Eclipse. \$2.15 ea.; 3 for \$6.15; \$23.40 doz.

With streamlined, tapering buds, often 2 inches long, the semi-double, golden yellow flowers are very freely produced. The plants are vigorous and upright in growth with long, erect stems fine for cutting. They bloom consistently through the season. 25 petals. 8.5

Etoile de Hollande. \$1.95 ea.; 3 for \$5.55; \$21 doz.

Still one of the best reds. The large-petaled, huge, double, cupped flowers are bright red, do not fade and have an exquisite old-Rose fragrance. They are particularly superb when in the half-open stage. The 2½-foot, open, branching plants have upright stems, large, soft green foliage and bear intermittently all season. 45 petals. 8.9

First Love. \$2.50 ea.; 3 for \$7.20; \$27.60 doz.

Dozens of unusually long tapering, graceful buds in a delightful pale dawn-pink. The pale pink flowers, with their mild pleasing tea fragrance and gracefully pointed petals, open very slowly. The vigorous, fairly upright plants, free branching and free blooming, carry each flower singly on a long slender stem. 25 petals. 8.0

Fred Howard. \$2.75 ea.; 3 for \$7.95; \$30.60 doz.

All-America Rose Selection, 1952. The long rich yellow buds are delicately pencilled with soft pink at the tips. The rich yellow flowers, perfectly formed, fully double with high centers, are borne on long, sturdy stems. The plants are exceptionally strong and hardy with dark shiny foliage. 60 petals.

FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 by 9-inch pots

Four reasons for choosing Pot Grown Roses versus dormant bushes. (1) All plants are No. 1 grade, the best. (2) Forbes Pot Grown Roses have been growing in soil since February, equal to dormant Roses planted the previous fall. (3) When set in your garden, our Pot Grown Roses continue growth without loss of time or setback. (4) Before buying you see that our Pot Grown Roses are radiantly alive and growing.

Good News. \$2.15 ea.; 3 for \$6.15; \$23.40 doz.

The deep coppery pink buds slowly open to very large, double, globular strong-stemmed flowers of silvery shell-pink with glowing apricot centers and rich tea fragrance. The vigorous bushy plants are healthy and almost continuously in bloom. This is an exceptionally fine dooryard rose. 60 petals. 8.4

Happiness. \$2.75 ea.; 3 for \$7.95; \$30.60 doz.

A really worth-while, brilliant flame-red Rose with lovely buds opening to exquisitely formed, high-centered, slightly fragrant, big flowers of very good substance. These last long without burning in the garden and as cut flowers. The plants are well foliaged and disease-resistant. 35-40 petals. 7.0

Heart's Desire. \$2.15 ea.; 3 for \$6.15; \$23.40 doz.

All-America Rose Selection, Gold Medal, 1942. A strong grower with rich green, luxuriant foliage and long-stemmed, ovoid buds, sometimes long and pointed. The deep red flowers with dark crimson shading are exceptionally fragrant and are freely produced throughout the entire season. The dark color holds well under heat. 25 petals. 7.5

Helen Traubel. \$2.95 ea.; 3 for \$8.55; \$33.00 doz.

All-America Rose Selection, 1952. The sparkling color varies with the weather, sometimes a light lively pink, more often a luminous apricot blending into orange. The unusually large buds are long and tapered and come singly on long stems ideal for cutting. The sturdy vigorous plants are very large and bear flowers of pleasing fragrance through the season under virtually all conditions. 25 petals.

Katherine T. Marshall. \$2.15 ea.; 3 for \$6.15; \$23.40 doz.

All-America Rose Selection, 1944. This clean, sparkling warm pink Rose comes on fine, erect-growing, very hardy plants with profuse, dark green, resistant foliage. The firm, slow-opening, long, pointed buds develop into large, cupped flowers of coral-pink with a golden glow at the base and delightful fragrance. 22 petals. 7.6

Lowell Thomas. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.

All-America Rose Selection, 1944. The vibrant chrome-yellow, slightly tea fragrant double blooms open from beautiful long, pointed buds. They all have high-cupped centers with outward rolling petals making magnificent glowing flowers often over 4 inches across when fully open. It is of compact, bushy, upright growth with leathery foliage and strong stems. 35 petals. 7.3

McGregory's Ivory. \$1.95 ea.; 3 for \$5.55; \$21.00 doz.

Very large, high-centered double flowers of soft, delicate creamy white merging into soft yellow at the base. They are delightfully fragrant. The buds are long and pointed, and very freely produced on vigorous plants with large, glossy, dark green leathery foliage which is quite disease resistant. 32 petals. 7.8

Mirandy. \$2.25 ea.; 3 for \$6.45; \$24.60 doz.

All-America Rose Selection, Gold Medal, 1945. The large, long-pointed, ovoid buds are glowing rich dark red with black shadings and open to large, full blooms of a gorgeous chrysanthemum-red and a delightfully penetrating Damask fragrance. The plants are strong, free branching with stout stems and dark green foliage. 50 petals. 7.5

Mission Bells. \$2.60 ea.; 3 for \$7.50; \$28.80 doz.

All-America Rose Selection, 1950. A beautiful deep salmon pink changing to clear shrimp-pink, with large, double, high-centered flowers borne singly with long stiff stems. Vigorous bushy plants with coppery green, disease-resistant foliage. The flowers, in profusion, have a pleasing tea-scented fragrance. 40 petals. 7.9

Mme. Henri Guillot. \$2.20 ea.; 3 for \$6.30; \$24.00 doz.

Very large, slightly fragrant, urn-shaped blooms of deep watermelon- and raspberry-pink tones heavily veiled with reddish orange, giving an impression of flaming scarlet. The buds are long and slender and the strong plants have extra large, waxy foliage. 30 petals. 8.9

Mrs. Sam McGredy. \$1.95 ea.; 3 for \$5.55; \$21.00 doz.

The pointed buds, with long bronze stems, are borne singly on vigorous plants with glossy, red-bronze foliage. The large, double, high-centered flowers, with Sweetbriar fragrance, combine copper, scarlet and orange and are flushed with Lincoln red. 40 petals. 8.3

New Yorker. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.

The vigorous, 2½-foot bushy plants, with very dark, glossy, disease-resistant foliage, carry an abundance of shapely buds. These open to large, high-centered, double flowers, of unfading scarlet with rose-red undertones. Delightful fragrance. 35 petals. 8.2

Nocturne. \$2.25 ea.; 3 for \$6.45; \$24.60 doz.

All-America Rose Selection, 1948. Extra-long, beautiful black-red buds. The fragrant, large, cupped flowers are cardinal-red with deep shadings of chrysanthemum-crimson. The color lightens somewhat in hot weather. The 3 to 4-foot, upright plants are vigorous, with large, dark green, semi-glossy, leathery foliage. 30 petals. 8.0

Peace. \$2.85 ea.; 3 for \$8.25; \$31.80 doz.

All-America Rose Selection, 1946. The large, ovoid buds are deep yellow, soon showing a cerise-pink picotee edging. As the flower slowly develops the color changes through canary-yellow, pale gold, cream, ivory and alabaster-white. The huge, mildly fragrant blooms are produced singly in endless succession. The hardy, vigorous plants have shining holly-like foliage. 45 petals. 9.4

Picture. \$1.95 ea.; 3 for \$5.55; \$21.00 doz.

The lovely deep pink buds open to very double, high-centered, mildly fragrant, clean rose-pink flowers with undertones of rich salmon. They have good substance and last long. The plants are stocky, vigorous and free-blooming, with dark green, glossy foliage. 34 petals. 8.4

President Hoover. \$1.95 ea.; 3 for \$5.55; \$21.00 doz.

Large, very fragrant, beautifully formed flowers in a charming combination of cerise-pink, flame, scarlet and yellow, with broad, thick petals. The tall, vigorous, clean-foliaged plants produce the blooms singly on extra long stems excellent for cutting. 25 petals. 8.2

Rex Anderson. \$2.10 ea.; 3 for \$6.30; \$22.80 doz.

An outstanding exhibition rose of delicate, lovely ivory-white, faintly shaded with yellow at the base. The fragrant blooms are large, double and perfectly formed and are slow to open. It is free-flowering and vigorous with abundant gray-green foliage. 30 petals. 7.1

To Start You Growing Roses . . . GREENHORN ROSE COLLECTION

For those who know little about good Roses but who have a real desire to start growing them—we offer

Crimson Glory. Deep crimson-red shaded oxblood-red . . . \$2.15

Eclipse. An endless supply of rich golden yellow flowers . . . 2.15

Katherine T. Marshall. Fragrant blooms of coral-pink . . . 2.15

McGregory's Ivory. Beautiful creamy white fragrant roses . . . 1.95

President Hoover. Cerise-pink, scarlet, yellow combination. 1.95

Total Value \$10.35

These 5 excellent
Hybrid Tea Roses
for \$9.

All are fool-proof, fully
alive, strongly rooted in
big pots.

FLORIBUNDA ROSES,
SEE PAGES 32 & 33



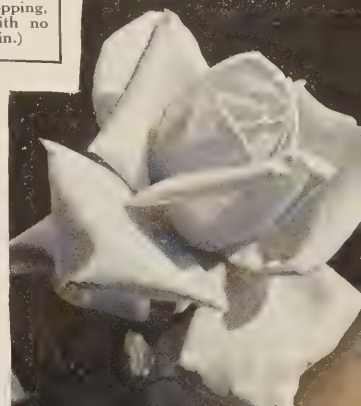
Here's one of our Potted Roses. Slit down side of pot with a knife, discard pot and set the soil ball firmly in your garden bed. The plant will grow on without stopping, you'll gain lots of time with no loss or setback. (Pots, 7 x 9 in.)



Hybrid Tea, Taffeta

ROSES IN COLOR

You will see all of
our Roses in natural
color at our stores
in Hanover as well as
Millburn. It helps a
lot in making your
best selection.



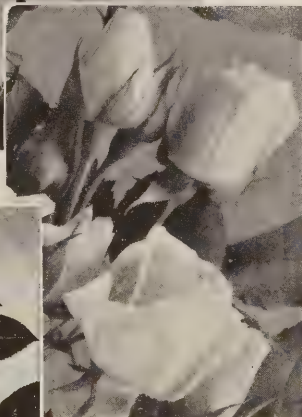
Hybrid Tea
McGregory's Ivory



Hybrid Tea
Sutter's Gold



Floribunda, Fashion



Floribunda, Pinocchio

To be sure of your favorites, order your Forbes Roses NOW and include a 50% deposit. We'll notify you in April as soon as they're ready.



Floribunda
Goldilocks



FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 by 9-inch pots

We offer the best of the recent introductions and those older favorites which, through sheer merit, are still among the finest. Whether in beds by themselves or in border groups, they will flaunt their beauty from June until frost. In choosing Forbes Pot Grown Roses you are assured of live plants well established in soil and equal to a dormant Rose which had been planted the previous fall. Easily set in your garden without loss.

Rubaiyat. \$2.20 ea.; 3 for \$6.30; \$24 doz.
All-America Rose Selection, 1947. The long crimson-pink buds slowly open to large double, high-centered, rich crimson to red-rose flowers of superb old-Rose fragrance. Freely produced with long stems on very vigorous upright plants, 3½ to 4 feet high, having clean dark, leathery, resistant foliage. 25 petals. 7.8

Show Girl. \$2.20 ea.; 3 for \$6.30; \$24 doz.
This has the longest, most perfectly formed, deep pink buds of all Roses. In cool weather they are almost carmine-pink but always opening to large, cupped, deep pink, double, delightfully fragrant flowers on long stems. The upright, bushy plants have leathery foliage. 25 petals. 8.2

Sutter's Gold. \$2.60 ea.; 3 for \$7.50; \$28.80 doz.
All-America Rose Selection, 1950. The exquisite long-pointed, orange-yellow buds, shaded vermillion, become large double, high-centered, intensely fragrant flowers of golden orange and shades of yellow. The vigorous upright plants have dark leathery foliage. 30 petals. 8.1

Suzon Lothe. \$2.75 ea.; 3 for \$7.95; \$30.60 doz.
The ovoid buds are borne singly on strong stems. They slowly open to large, fully double, strongly fragrant flowers of pearl pink, shaded deeper pink toward the petal edges. The very vigorous plants have strong dark green foliage and bloom profusely. 60 petals. 7.2

Symphonie. \$2.75 ea.; 3 for \$7.95; \$30.60 doz.
The vigorous, upright, bushy plants, with abundant leathery foliage, intermittently bear large, pointed, ovoid buds singly on nice stems for cutting. These open to very large, strongly fragrant, double, high-centered flowers of silver-pink with the petals broadly margined with carmine. The plants bloom freely. 25 petals. 7.7

Taffeta. \$2.20 ea.; 3 for \$6.30; \$24 doz.
All-America Rose Selection, 1948. Rich pink with salmon tones changing to salmon-apricot. The medium-sized, urn-shaped buds have fluted edges. Big fragrant, flowers are freely produced on vigorous, upright plants with large, leathery, glossy, dark green foliage. 21 petals. 7.0

Tallyho. \$2.25 ea.; 3 for \$6.45; \$24.60 doz.
All-America Rose Selection, 1949. The outside varies from crimson to cardinal-red, the inside through several rose shades. The ovoid buds open to large, double flowers with a spicy fragrance. The green, leathery foliage is mildew-resistant, on vigorous, upright plants. 28 petals. 8.3

The Doctor. \$1.95 ea.; 3 for \$5.55; \$21 doz.
The immense, long-pointed buds of sparkling pink slowly open to enormous, cupped flowers, often over 5 inches across, of exquisite satiny silver-pink and delightfully, intense fragrance. The vigorous, bushy, 2-foot plants have soft light green foliage. 25 petals. 7.9

FORBES FLORIBUNDA ROSES IN POTS

These are bush Roses producing clusters of blooms without interruption from early summer until late frosts. They are easy to grow and very hardy. Ideal in shrub borders for color after shrub bloom is over, for mass plantings, among perennials, even for colorful hedges. Plant 18 inches apart; prune lightly to desired height.

Betty Prior. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Sturdy, 3½-foot plants are bountiful with clusters of single blooms. The buds are lovely and the flowers resemble a pink dogwood in shape and color. The inside of the petals is a delicate pink and the outside a dark carmine. Fragrant flowers, ideal for cutting. 5 petals. 8.8

Chatter. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Bright crimson, 2½-inch double flowers, in generous clusters. The dainty buds open slowly until each cluster bursts with handsome crimson as the delicately fragrant flowers develop. The compact, 2-foot plants are hardy and disease-resistant. 24 petals. 7.3

Donald Prior. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Immense clusters of semi-double, fragrant flowers of bright scarlet flushed with crimson in profusion on strong stems above leathery, dark green foliage on vigorous, bushy, 3 to 4-foot plants. 12 petals. 8.6

Fashion. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.
All-America Rose Selection, 1950. The oriental-red buds open into lovely coral-pink flowers overlaid with gold, turning clear coral. The open, double, 3-inch flowers, in clusters profusely throughout the season have a wild-Rose fragrance. The 2½-foot plants are bushy, with dark glossy green foliage. 25 petals. 8.6

Frensham. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Very vigorous, broad, bushy, 2½ to 3-foot plants with dark leathery foliage and very abundantly bearing great clusters of large, semi-double, slightly fragrant, deep crimson flowers. 28 petals. 8.3

Goldilocks. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Sunny, globular, double flowers of deep yellow produced continuously in fine clusters of delightful fragrance from June throughout the season. The vigorous, bushy, 3½-foot plants have glossy, leathery foliage. 45 petals. 7.9

Irene of Denmark. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Here is a splendid white. The medium-sized buds are pointed. The large, cupped, double, white blooms, borne in fine clusters in abundance continuously, have a China Rose fragrance and the exquisite true "sweetheart" form, daintily perfect. The dark green-leaved, 20-inch, hardy plants are vigorous and bushy. Fills a long need for a better white Floribunda. 30 to 40 petals. 8.0

Ma Perkins. \$2.60 ea.; 3 for \$7.50; \$28.80 doz.
All-America Rose Selection, 1953. A brand-new, sparkling coral-shell-pink Floribunda. The buds are coral with shades of red; as they open to 3-inch flowers the coral color softens and the red gives way to more prominent yellow tones. Sweet honey fragrance. Hybrid Tea form. Dark glossy green foliage. Excellent for borders, beds and hedges. 25 petals.

FORBES LAWN SEED—THE BEST OF ALL

The value of a lawn grass seed mixture is determined by the percentage of purity. The cleaner each variety used the more live seeds you'll get in each pound and the less worthless chaff and inert matter. We show on pages 2 and 3 the exact purity and inert matter in each of our mixtures as well as the percentage of each ingredient variety. You'll find these better than others in both quality and in dollar value.

Our Elite Lawn Seed. Compare this with all the others.

There's none better at any price. Grows a perfect, enduring lawn of which you'll be justly proud.

Lb. \$1.40; 5 lbs. \$6.75; 10 lbs. \$13; 25 lbs. \$31.75; 100 lbs. \$125.

The "Forbes" Lawn Seed. Our second quality mixture and better than many first qualities offered. Produces an excellent lawn and is priced moderately.

Lb. \$1.25; 5 lbs. \$6; 10 lbs. \$11.50; 25 lbs. \$28.25; 100 lbs. \$110.

Shady Place Lawn Seed. This contains a predominance of grasses which thrive naturally in shaded places. The lawn it produces is very excellent.

Lb. \$1.25; 5 lbs. \$6; 10 lbs. \$11.50; 25 lbs. \$28.25; 100 lbs. \$110.

Terrace Lawn Seed. A heavy proportion of grasses which root deeply is needed to make a lasting lawn on a terrace where the soil is usually on the dry side.

Lb. \$1.25; 5 lbs. \$6; 10 lbs. \$11.50; 25 lbs. \$28.25; 100 lbs. \$110.

PLANT FORBES ORIENTAL POPPIES NOW

The early fall is the best time to start Oriental Poppies from *roots*. We have done this for you and now offer started Poppy plants, already established and growing on, in 6-inch pots. Just slit the pot off and set the soil ball in a sunny garden bed to grow on without setback, to bloom in May and June. Ht. 3 ft.

ORDER FOR SPRING PLANTING

Pot-grown, started Oriental Poppy Plants ready to set out this spring in your sunny border. They make wonderful color accents in your perennial border and are very striking against a background of dark green hedge or evergreens. All they ask is lots of sun and a well-drained good soil. We offer the best varieties in a nice range of colors.

Barr's White. Beautiful, large, pure white satiny flowers with contrasting purplish black centers.

Betty Ann. Very beautiful, large flowers of La France pink without blotches, freely produced on strong plants.

Big Jim. Huge, handsome flowers of deep maroon on strong, free blooming plants. An unusual color.

Cavalier. Big crinkly flowers of deep scarlet-red on strong stems which are ideal for cutting.

Cerise Beauty. Very free-flowering plants of fine habit with cerise-rose blooms having black-purple centers.

Flashy Glow. Large, bright yellow flowers with a suffusion of orange. Makes a striking border accent.

In 6-inch pots, any of the 11 varieties, 75c each;
3 for \$2.10; \$7.50 per doz.

Gold of Ophir. Dwarfier plants, growing only 26 inches high, with big golden orange flowers. A unique variety.

Henry Cayeaux Improved. Large blooms of old rose shaded with burgundy; perfect if grown in light shade.

Hercules. Tremendous, true scarlet flowers of great substance on extra tall-stemmed, sturdy plants 3½ feet high.

Joyce. Big flowers of soft red with a suffusion of cherry-red on tall growing, long stemmed, strong plants.

Wurtembergia. Tremendously large, striking flowers of cerise-scarlet with contrasting black centers.

Please send the Poppies marked. Enclosed find \$

For a complete list of Fertilizers and Soil Conditioners, See pages 4 and 5

FORBES POT GROWN ROSES FOR SPRING 1953

These are the finest quality of all Roses. By ordering Forbes Pot Grown Roses NOW for setting out in your garden this April you'll avoid all risk of loss. We'll reserve your Roses, all 2-year-old No. 1 grade, field-grown specially for us by the leading rose grower of the northwest. Each, grown on outdoors from an early start, will be thoroughly rooted in a 7 x 9-inch pot, fully alive, and ready to give full bloom from June on. All are the finest quality and best varieties, growing vigorously when you get them.

FORBES GARDEN CENTERS

On Morris Turnpike (Route 24) at Millburn Ave. in Millburn, N. J.
On Route 10, Hanover, N. J. (Mile west of Livingston Traffic Circle).

The American Rose Society gives every Rose a rating. We show this rating after each:
9 up = the finest, 8 up = excellent, 7 up = very good, 6 up = only fair.

HYBRID TEA ROSES

-*Charles Mallerin (New) \$2.75 ea; 3 for \$7.95.....
Dark red with black sheen. 30-40 petals
-*Charlotte Armstrong 9.0 \$2.35 ea; 3 for \$6.75.....
Spectrum-red; cerise when hot. 30 petals
-*Chief Seattle (New) \$2.75 ea; 3 for \$7.95.....
Beautiful rich buff-apricot. 45-60 petals
-*Christopher Stone 8.8 \$1.95 ea; 3 for \$5.55.....
Scarlet overlaid with crimson. 35 petals
-*Chrysler Imperial \$3.25 ea; 3 for \$9.45.....
A.A. '53 Brand new rich crimson. 40-50 petals
-*Crimson Glory 9.5 \$2.15 ea; 3 for \$6.15.....
Deep crimson shaded oxblood. 30 petals
-Dainty Bess 8.7 \$1.95 ea; 3 for \$5.55.....
Pretty shell-pink; crimson stamens. Single.
-*Eclipse 8.5 \$2.15 ea; 3 for \$6.15.....
Long buds open golden yellow. 25 petals
-*Etoile de Hollande 8.9 \$1.95 ea; 3 for \$5.55.....
Very fragrant, big bright red. 45 petals
-*First Love 8.0 \$2.50 ea; 3 for \$7.20.....
Long-stemmed, graceful pale pink. 25 petals
-Fred Howard A.A. '52 \$2.75 ea; 3 for \$7.95.....
Yellow with soft pink. 60 petals
-*Good News 8.4 \$2.15 ea; 3 for \$6.15.....
Silvery shell-pink, apricot. 60 petals
-Happiness 7.0 \$2.75 ea; 3 for \$7.95.....
Long lasting, brilliant flame-red. 35-40 petals
-*Heart's Desire 7.5 \$2.15 ea; 3 for \$6.15.....
Deep red shaded dark crimson. 25 petals
-Helen Traubel A.A. '52 \$2.95 ea; 3 for \$8.55.....
Light pink to apricot-orange. 25 petals
-*Kath. T. Marshall 7.6 \$2.15 ea; 3 for \$6.15.....
Coral-pink; golden glow at base. 22 petals
-Lowell Thomas 7.3 \$2.35 ea; 3 for \$6.75.....
Large vibrant chrome yellow. 35 petals
-*McGredy's Ivory 7.8 \$1.95 ea; 3 for \$5.55.....
Lovely delicate creamy white. 32 petals

HYBRID TEA ROSES

-*Mirandy 7.5 \$2.25 ea; 3 for \$6.45.....
Rich warm dark maroon-red. 50 petals
-Mission Bells 7.7 \$2.60 ea; 3 for \$7.50.....
Salmon-pink to shrimp-pink. 40 petals
-Mme. Henri Guillot 8.9 \$2.20 ea; 3 for \$6.30.....
Delightful orange-coral-red. 30 petals
-*Mrs. Sam McGredy 8.3 \$1.95 ea; 3 for \$5.55.....
Scarlet-orange; copper sheen. 40 petals
-*New Yorker 7.9 \$2.35 ea; 3 for \$6.75.....
Scarlet; rose-red undertones. 35 petals
-*Nocturne 8.2 \$2.25 ea; 3 for \$6.45.....
Red shaded with dark crimson. 30 petals
-Peace 9.4 \$2.85 ea; 3 for \$8.25.....
Canary yellow, pale gold, cream. 45 petals
-*Picture 8.4 \$1.95 ea; 3 for \$5.55.....
Clean rose-pink, salmon undertones. 34 petals
-*President Hoover 8.2 \$1.95 ea; 3 for \$5.55.....
Cerise-pink, flame and yellow. 25 petals
-*Rex Anderson 7.1 \$2.10 ea; 3 for \$6.....
Delicate lovely ivory-white. 30 petals
-*Rubaiyat 8.4 \$2.20 ea; 3 for \$6.30.....
Rich crimson to red-rose. 25 petals
-*Show Girl 8.2 \$2.20 ea; 3 for \$6.30.....
Long buds; large deep pink. 25 petals
-*Sutter's Gold 7.7 \$2.60 ea; 3 for \$7.50.....
Golden orange shaded yellow. 30 petals
-*Suzon Lotthe (New) \$2.75 ea; 3 for \$7.95.....
Pearl pink with deeper edges. 60 petals
-*Symphonie (New) \$2.75 ea; 3 for \$7.95.....
Silver-pink, broad carmine edge. 25 petals
-*Taffeta 7.3 \$2.20 ea; 3 for \$6.30.....
Salmon-pink to salmon-apricot. 21 petals
-*Tallyho 8.6 \$2.25 ea; 3 for \$6.45.....
From crimson to cardinal-red. 28 petals
-*The Doctor 7.9 \$1.95 ea; 3 for \$5.55.....
Huge, fine satiny silver-pink. 25 petals

*Indicates the most fragrant varieties.

ORDER FORM FOR FORBES POT GROWN ROSES FOR 1953

GREENHORN ROSE COLLECTION

For those who know little about good Roses but who have a real desire to grow them.

- (Crimson Glory. Deep vivid crimson-red. \$2.15)
- (Eclipse. Rich golden yellow flowers. 2.15)
- (Katherine T. Marshall. Warm coral-pink. 2.15)
- (McGredy's Ivory. Beautiful creamy white. 1.95)
- (President Hoover. Cerise, scarlet, yellow. 1.95)

One each of above 5 for \$9 Value \$10.35

FLORIBUNDA ROSES

- Betty Prior 8.8 \$1.95 ea; 3 for \$5.55
Pink inside, carmine outside. Ht. 3½ ft. 5 petals
- Chatter 7.3 \$1.95 ea; 3 for \$5.55
Bright crimson clusters. Ht. 2 ft. 24 petals
- Donald Prior 8.6 \$1.95 ea; 3 for \$5.55
Scarlet flushed crimson. Ht. 3½ ft. 12 petals
- *Fashion 8.7 \$2.35 ea; 3 for \$6.75
Coral-pink tinted gold. Ht. 30 in. 25 petals
- Frensham 9.0 \$1.95 ea; 3 for \$5.55
Deep crimson clusters. Ht. 30 in. 28 petals
- *Goldilocks 7.9 \$1.95 ea; 3 for \$5.55
Deep yellow clusters. Ht. 42 in. 45 petals
- Irene of Denmark \$1.95 ea; 3 for \$5.55
Double white clusters. Ht. 20 in. 30 petals
- *Ma Perkins A.A. '53 \$2.60 ea; 3 for \$7.50
Sparkling coral-shell pink. Ht. 2 ft. 25 petals
- Masquerade 7.7 \$2.25 ea; 3 for \$6.45
Yellow, pink, red all at once. Ht. 3 ft. 14 petals
- Permanent Wave 8.1 \$1.95 ea; 3 for \$5.55
Fluted cochineal-carmine. Ht. 3 ft. 10 petals
- *Pinocchio 7.6 \$1.95 ea; 3 for \$5.55
Pink suffused salmon. Ht. 36 in. 30 petals
- Poulsen's Bedder (New) \$2.25 ea; 3 for \$6.45
Ruffled clear clean pink. Ht. 3 ft. 22 petals
- *Red Pinocchio 8.7 \$1.95 ea; 3 for \$5.55
Velvety red clusters. Ht. 24 in. 20 petals
- Rosenselfe 8.9 \$1.95 ea; 3 for \$5.55
Soft La. France pink. Ht. 20 in. 50 petals
- Royal Chinook 7.8 \$1.95 ea; 3 for \$5.55
Glowing carmine-red. Ht. 24 in. 20 petals
- Vogue A.A. '52 \$2.60 ea; 3 for \$7.50
Brilliant cherry-coral clusters. Ht. 30 in.
- *World's Fair 8.2 \$1.95 ea; 3 for \$5.55
Deep velvety red-crimson. Ht. 2½ ft. 20 petals

For the price of a dozen of one variety, see catalog

Name

Address

City

Will call Millburn.... } Date

Will call Hanover.... } Indicate which

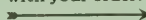
Deliver when ready... } Terms

CLIMBING ROSES

- Blaze 7.8 \$1.95 ea; 3 for \$5.55
Scarlet clusters. Ht. 15 ft. 40 petals
- Cl. American Beauty 7.6 \$1.95 ea; 3 for \$5.55
Rose-pink shaded carmine. Ht. 12 ft. 50 petals
- *Cl. Crimson Glory 8.2 \$2.35 ea; 3 for \$6.75
Same as the H.T. type. Ht. 10 ft. 30 petals
- *Cl. Mrs. Sam McGredy 7.6 \$2.20 ea; 3 for \$6.30
Same as the H.T. type. Ht. 10 ft. 40 petals
- Cl. Peace 7.6 \$2.85 ea; 3 for \$8.25
Same as the H.T. type. Ht. 11 ft. 45 petals
- Cl. Picture 8.9 \$2.35 ea; 3 for \$6.75
Clear pink H.T. type. Ht. 12 ft. 45 petals
- *Cl. White Dawn 8.0 \$1.95 ea; 3 for \$5.55
Pure white clusters. Ht. 12 ft. 35 petals
- *Dobloons 7.1 \$2.35 ea; 3 for \$6.75
Gold yellow clusters. Ht. 10 ft. 25 petals
- *Dream Girl 7.1 \$2.60 ea; 3 for \$7.50
Coral-pink clusters. Ht. 15 ft. 65 petals
- *Dr. J. H. Nicolas 7.4 \$2.35 ea; 3 for \$6.75
Rose-pink clusters. Ht. 8 ft. 50 petals
- *Gold Rush (New) \$1.95 ea; 3 for \$5.55
High-centered molten gold. Ht. 10 ft. 24 petals
- *High Noon 7.6 \$2.50 ea; 3 for \$7.20
Intense yellow H.T. type. Ht. 10 ft. 30 petals
- *New Dawn 8.8 \$1.95 ea; 3 for \$5.55
Pale pink clusters. Ht. 15 ft. 50 petals
- Paul's Scarlet 9.2 \$1.95 ea; 3 for \$5.55
Scarlet-red clusters. Ht. 15 ft. 40 petals

PLEASE NOTE

To hold the Roses ordered we need a 50% deposit with your order.



Total Amount

Paid on account

Balance

We reserve your Roses and notify you when they are ready.

ORDER FORM FOR FORBES POT GROWN PEONIES FOR 1953

Supremely beautiful and of life-long permanence, Peonies form the basis of every well-considered flower garden. As individual clumps or in borders in front of shrubbery they are magnificent in flower and handsome in foliage throughout the season for many years.

PLANT PEONIES THIS SPRING

Something New. If you didn't plant dormant Peony roots last fall, order Peony plants in 7 by 9-inch pots all ready to set out in your garden this spring. They are all fully alive and growing when you get them and equal to roots planted last fall but without risk of loss.

Please include a 50% deposit with your order.

You will know that the Peonies you buy are fully alive and growing. All will be well-rooted and may easily be planted this spring in your garden without loss or set back. Place your order now. We will reserve the Peonies you order and will notify you when they are ready for setting out in your garden.

DOUBLE VARIETIES

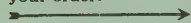
- **Festiva Maxima.** 9.3 \$1.45 ea; 3 for \$4.
Early white with crimson markings in the center.
- **Karl Rosenfeld.** 8.8 \$1.45 ea; 3 for \$4.
Free-blooming; very bright crimson flowers.
- **Longfellow.** 9.0 \$1.75 ea; 3 for \$4.95.
Full flowers of distinct fadeless bright crimson.
- **Mons. Martin Cahuzac.** 8.8 \$2.25 ea; 3 for \$6.45.
Dark purple-garnet with black reflex.
- **Primevere.** 8.6 \$1.75 ea; 3 for \$4.95.
Deep creamy yellow with sulphur yellow center.
- **Sarah Bernhardt.** 9.0 \$1.45 ea; 3 for \$4.
Deep rose-pink, fragrant flowers tipped silver.
- **Solange.** 9.7 \$1.45 ea; 3 for \$4.
Waxy white with orange and golden brown center.
- **Walter Faxon.** 9.3 \$1.75 ea; 3 for \$4.95.
Free-blooming; delightful salmon-rose flowers.

SINGLE VARIETIES

- **Le Jour.** 8.8 \$1.75 ea; 3 for \$4.95.
Two rows of wide overlapping white petals.
- **Mischief.** 8.7 \$1.75 ea; 3 for \$4.95.
Late; huge light pink with a golden center.
- **Pocahontas.** 8.2 \$1.45 ea; 3 for \$4.
Late; tall rose single. A dependable bloomer.

PLEASE NOTE

To hold the Peonies ordered we require a deposit of 50% with your order.



Total Amount

Paid on account

Balance

PLANT STRAWBERRY PLANTS NOW

Here are the leading varieties best for North Jersey. Set the plants 18 in. apart in rows 3 to 4 ft. apart in any good garden soil with plenty of moisture. Give shallow cultivation frequently and mulch, particularly over winter. *Our plants are dug to order.*

Streamliner (Everbearing.) Produces a heavy crop throughout the season. A large bright red of very good quality. Dependable for freezing.

Above, \$1 per doz.; 50 or more at \$6.95 per 100

Fairfax. (Early.) The darkest in color of all and perhaps the finest in flavor and quality of all. The vigorous, healthy, hardy plants are heavy producers.

Sparkle. (Midseason.) The best main crop for New Jersey and for freezing. The very productive plants yield large glossy, sparkling red berries.

Fairpeaks. (Late.) Very large, unusually firm, rich red berries of extra fine flavor in great abundance, especially when grown on moist soil.

Previous 3, 70c per doz.; 50 or more at \$4.50 per 100

FORBES FLORIBUNDA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 by 9-inch pots

Masquerade. \$2.25 ea.; 3 for \$6.45; \$24.60 doz. This is very unique with clusters of small yellow buds with tiny vermillion marks. These when opened, pass through pink and then red so that in each cluster there is bloom in all the stages of yellow, pink and red at one time. The vigorous, sturdy 3-foot plants are free blooming and have disease-resistant foliage. 14 petals. 7.7

Permanent Wave. \$1.95 ea.; 3 for \$5.55; \$21 doz. A continuous display of clusters of twelve or more large semi-double open flowers of bright cochineal-carmine, with beautifully waved and fluted petals. The glossy, dark foliaged, 3-foot plants are vigorous. 10 petals. 8.1

Pinocchio. \$1.95 ea.; 3 for \$5.55; \$21 doz. The pointed buds are salmon, flushed with gold at the base and open in great clusters to semi-double, fragrant flowers, 1½ inches across, of pink suffused salmon, with deeper petal edges. The 2½ to 3-foot, bushy plants, with leathery foliage, bear continuously. 30 petals. 7.6

Poulsen's Bedder. \$2.25 ea.; 3 for \$6.45; \$24.60 doz. Great clusters of big, lightly ruffled, semi-double blooms of clear rich clean pink. The open flowers get lighter with age but always have a bright fresh appearance. The hardy 3-foot plants are vigorous, upright and free-flowering, with bronze-green foliage. 22 petals.

Red Pinocchio. \$1.95 ea.; 3 for \$5.55; \$21 doz. These 3-inch, delightfully fragrant, cup-shaped blooms come singly and in large unfading clusters. The deep carmine buds open to semi-double, velvety red blooms. The 2-foot plants bloom continuously. 20 petals. 8.4

Rosenelfe. \$1.95 ea.; 3 for \$5.55; \$21 doz. Dainty clusters of very large, double, high-centered La-France-pink flowers opening from long-pointed buds on strong stems. The glossy light green foliaged 1½-foot bushes are vigorous and free-flowering. 50 petals. 8.9

Royal Chinook. \$1.95 ea.; 3 for \$5.55; \$21 doz. Masses of glowing carmine-red double flowers on this small 2 to 3-foot plant. It is a continuous bloomer. The glossy dark foliage is large and leathery. 20 petals. 7.8

Vogue. \$2.60 ea.; 3 for \$7.50; \$28.80 doz. All-America Rose Selection, 1952. The dark, oval buds open slowly into high-centered, 3½-inch flowers of hybrid tea form, brilliant cherry-coral color and subtle spicy fragrance. The plants grow 2½ to 3-feet high with dark green disease-resistant foliage.

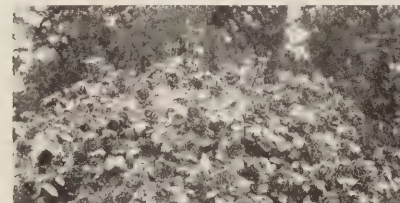
World's Fair. \$1.95 ea.; 3 for \$5.55; \$21 doz. The flowers open a bright cherry-red, and become a deep velvety red-crimson. The semi-double blooms open to 3 inches across and are of spicy fragrance. The vigorous, bushy, 2½-foot plants are very hardy. 20 petals. 8.2



All-America 1952 Floribunda, Vogue

RE SHIPPING

We cannot send Pot-grown Roses by mail, express or freight, as is often required.



Blaze Climber

FORBES CLIMBING ROSES IN POTS

These cover unsightly objects and screen undesirable views, serve as backgrounds for other flowers, and outline property lines. But best of all, they give a lift to your garden, adding variety with their height. Plant 6 feet apart and, after they finish blooming, prune out only the old wornout wood and trim back the side shoots.

Blaze. \$1.95 ea.; 3 for \$5.55; \$21 doz. Clusters of 2 to 3-inch, semi-double flowers of scarlet which does not fade. The vigorous 15-foot plants give masses of bloom in June, and intermittently all season only if the faded flowers are cut back to leave the first eye below the cluster. 30 to 40 petals. 7.8

Climbing American Beauty. \$1.95 ea.; 3 for \$5.55 The climbing form with very fragrant, large flowers of deep rose-pink shaded with smoky carmine. The vigorous, 12-foot plants have abundant June bloom. 50 petals. 7.6

Climbing Crimson Glory. \$2.35 ea.; 3 for \$6.75; \$25.80 doz. This has all of the beauty of its parent with gloriously rich deep crimson blooms with the same intense fragrance. The 10-foot plants bloom freely in June and give intermittent bloom thereafter. Perfectly hardy. 30 petals. 8.2

Climbing Mrs. Sam McGredy. \$2.20 ea.; 3 for \$6.30 This fine 10-foot, bronze-foliaged climber, throughout the season bears double, very fragrant hybrid tea flowers of copper, scarlet and orange tones. 40 petals. 7.6

Climbing Peace. \$2.85 ea.; 3 for \$8.25; \$31.80 doz. The foliage and strong stems of these 11-foot climbers are like the popular bush form and they bear the same perfect, huge hybrid tea flowers but many more of them throughout the season. 45 petals. 7.8

Climbing Picture. \$2.35 ea.; 3 for \$6.75; \$25.80 doz. A 12-foot climber with double hybrid tea flowers of clear pink, with salmon under-tones, through the season. The foliage is pest- and disease-resistant. 45 petals. 8.3

Climbing White Dawn. \$1.95 ea.; 3 for \$5.55; \$21 doz. Clusters of buds opening to double, pure white, gardenia-like blooms of moderate fragrance. Ample, glossy-green, disease-resistant foliage on vigorous, 12-foot plants which carry continuous bloom after the first year. 35 petals. 8.0

Doubloons. \$2.35 ea.; 3 for \$6.75; \$25.80 doz. Clusters of deep saffron-yellow buds opening to double, cupped, fragrant, golden yellow extra-large flowers produced intermittently on 10-foot plants. 25 petals. 7.1

Dream Girl. \$2.60 ea.; 3 for \$7.50; \$28.80 doz. The large double flowers are of unfading coral-pink and have a spicy fragrance. They come in June and intermittently throughout the season. Foliage is glossy on vigorous 15-foot vines. 65 petals. 7.1

Dr. J. H. Nicolas. \$2.35 ea.; 3 for \$6.75; \$25.80 doz. The fully double, cupped, deep rose-pink blooms are often 5 inches across from June all through summer and fall. As each cluster finishes, new shoots provide a succession of very fragrant, lovely bloom. The 8-foot plants have dark leathery foliage. 50 petals. 7.4

Gold Rush. \$1.95 ea.; 3 for \$5.55; \$21 doz. Vigorous, 10-foot plants with glossy, ivy-green foliage, producing a wealth of high-centered, fragrant flowers with smooth petals of molten gold. 24 petals.

High Noon. \$2.50 ea.; 3 for \$7.20; \$27.60 doz. All-America Rose Selection, 1948. Intense yellow, loosely cupped flowers in June and additional bursts of bloom throughout the season. The 8-foot vines have light green, glossy foliage. 30 petals. 7.6

New Dawn. \$1.95 ea.; 3 for \$5.55; \$21 doz. Extra hardy and blooming intermittently all through the season. Has clusters of double, apple-blossom-pink flowers with old-Rose fragrance. The 15-foot plants are vigorous, with dark green, glossy, foliage. 50 petals. 8.8

Paul's Scarlet. \$1.95 ea.; 3 for \$5.55; \$21 doz. The double flowers are a vivid scarlet-red which does not fade in hot sun. Freely produced, on 15-foot vines in large clusters with masses of color in June. 30 to 50 petals. 9.2



Climbing Rose, Doubloons

ROSES IN COLOR

You will see all of our Roses in natural color at both our Hanover and Millburn stores. It helps a lot in making your best selection.

FORBES SUMMER-FLOWERING BULBS

During recent years there has been a tremendous increase in the interest shown by flower fanciers in those summer and fall flowers produced from spring and early summer-planted bulbs or roots. And yet when the ease of culture, adaptability to soil conditions, certainty of success and the beautiful color effects possible are considered, it is surprising that this interest has been so tardy. The remarkable advance in the development of this class of flowers has no doubt increased their popularity, and the range of color and form seems unlimited.

Fancy-leaved
Caladiums



Cannas

Acidanthera

This Abyssinian Sword Lily is like the *Gladiolus* in foliage and habit. Plant the bulbs 4 inches deep in well-drained loam in May or June for August-September bloom. They must be lifted and stored dry over winter for planting the next year.

Murielae. The showy 6-petaled flowers, 3 inches across, are cream-white with distinct, star-shaped throat blotches of maroon-purple. They are delightfully fragrant and as cut flowers will make their presence pleasantly known. Ht. 3 ft. 3 for 65c; \$2.25 per doz.; \$15 per 100.

Amaryllis

These gorgeous blooms are very easily grown for indoor display. Pot the bulbs singly in 6-inch pots in good garden loam enriched with bone-meal. Water slightly and keep in a dark place at 50 to 60° temperature for about a month until well rooted, then expose to full sun and water regularly. It is essential for good bloom that the roots become crowded in the pot. For garden bloom plunge the pots in June in the border in a warm, sunny spot. Take indoors before frost and store dry for three months. Then force again through winter.

Giant-flowered Hybrids. These bulbs produce trumpet-like, perfect blooms in pairs on strong stems. The colors range from beautiful markings of rose, red, and crimson on white grounds to scarlet, crimson, bright red, cherry, and maroon self colors. Extra large bulbs, 85c ea.; \$8.50 per doz.

Anemone

These come in exceedingly brilliant colors from June on and are fine for borders and cutting. Plant as early as possible in spring, 6 inches deep, in a cool, moist, but well-drained soil. Mulch in winter. May be grown indoors in pots.

St. Brigid, Mixed. Single and semi-double, cup-shaped flowers, often over 3 inches across, in bright scarlet, purple, maroon, lilac, etc. Ht. 1 ft. 90c per doz.; \$6.50 per 100.

Begonias, Tuberous-rooted

Easily grown, these beautiful flowers excel in shady borders from July to frost and are fine for indoor forcing. In May, after soil is warm, plant bulbs with rounded part down, 10 inches apart, covered 1 inch in a soil mixture (of equal parts of garden loam, humus or peat moss, and well-rotted manure and a half part of sand) which is 8 inches deep to give good drainage. Water moderately until growth starts, then thoroughly once a week. Do not cultivate but mulch with peat or rotted manure in hot weather. Too much water causes flowers to drop.

For earlier flowers plunge bulbs in April, in flats 3 inches deep, of sanded peat moss and just cover with sand. Moisten slightly until growth starts, then water well in 60 to 70° F. temperature. When leaves form, transplant to garden if soil is warm.

Double, Camellia-flowered. These fine flowers of waxy texture closely resemble a camellia. **Rose, Salmon, Scarlet, White and Yellow.** Large bulbs, 35c each; \$3.50 per doz.; \$25 per 100.

Fancy-Leaved Caladiums

Gorgeous foliage plants for outdoor bedding in shady or semi-shady positions. Start bulbs in pots, planting one bulb to a 6-inch pot. Use a well-drained sandy loam, water sparingly, and keep at 60° until well started. Then water freely. **Extra-choice Mixture.** 50c each; \$5 per doz.

Callas

Unlike the winter-flowering white Calla, these are wonderful garden subjects of easy culture. In April or May plant groups of bulbs, in sun or part shade, in a moist soil. They will bloom in August-September. Lift the bulbs before hard frost and store. May be potted in the fall for indoor bloom.

Pink (Rehmanni). An unusual plant with small, rose-pink flowers of great beauty. Effective for margins, it grows only 12 inches high. 65c each; \$6.50 per doz.

Yellow (Elliottiana). Lustrous, golden yellow large flowers on sturdy 2-foot plants. The foliage is dark green spotted with cream-white. Large bulbs, 80c each; \$8 per doz.

Canna Roots For Plants, see page 9

Cannas are the most economical and effective plants employed in our gardens. They bloom from early summer until frost in all sections of the country, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded deeply, and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times freely watered. Plant the dormant roots after May 15, spacing them 18 inches apart. Set them with the "eye" just above the ground. Most effective when planted in masses of one variety.

Hungaria. Very large, big-petaled, salmon-pink flowers above attractive bluish green foliage. Ht. 4 ft.

King Humbert. Orange-scarlet flowers, 6 inches across, flecked with bright red. Coppery bronze foliage. Ht. 4 ft.

The President. Immense, glowing bright red flowers, 7 inches across when open. Rich green foliage. Ht. 4 ft.

Yellow King Humbert. Large bright yellow flowers flecked with red; contrasting green foliage. Ht. 4 ft.

Largest dormant roots of any of above, 3 for 60c; \$1.95 per doz.; \$13 per 100

Gloxinias

The gorgeous velvety tubular flowers are long lasting and contrast with the soft, gray-green, oval leaves. Easily grown, they are fine for porch boxes or pots in a warm, bright but not sunny place, and for the garden in semi-shade. Start bulbs in shade indoors at 65° F, barely covered, in flats of moist peat moss. After sprouts appear put each in a 4-inch pot of sandy, peaty loam, covering bulb one inch. Water sparingly at 65° F. in indirect sun. For garden, set out after ground is warm; in a partly shaded border. **Violet edged white; White edged violet; Scarlet edged white; White edged scarlet; Violet; Scarlet; White; and All colors spotted.** 45c each; \$4.50 per doz.

We also offer pot-grown Begonia plants. See page 9

We also offer pot-grown Gloxinia plants. See page 9

FORBES SUMMER-FLOWERING BULBS

From the viewpoint of cut-flowers alone, every gardener is justified in growing a variety of these flowers. They may also be used to great advantage for group plantings in the perennial border. Enjoy some this year.

Large-flowered Dahlias

The broad petals are spaced regularly in the Formal Decoratives (F.D.) or irregularly in the Informal Decoratives (I.D.). In the Semi-Cactus (S.C.) petals are partly rolled.

Commando. (F.D.) Very large, clean dark lavender flowers held erect on strong stems. Healthy plants.

D-Day. (F.D.) Soft clear pink flowers of outstanding beauty on long strong stems. Fine for cutting.

Good Night. (I.D.) Enormous flowers of oxblood-maroon on fine garden plants of excellent habit.

Jersey's Beauty. (F.D.) Large flowers of great depth on wiry stems. A lovely pink with light chamois shading.

Mrs. Geo. Le Boutillier. (I.D.) Very large, deep flowers of carmine-red, shading to cardinal-red at the center.

Watchung Giant. (I.D.) Very large blooms of deep amber-yellow suffused with cadmium-orange.

White King. (F.D.) A lovely snow-white flower of good size produced in abundance on strong plants.

Yellow De Luxe. (I.D.) Beautiful full flowers of rich buttercup yellow on fine strong stems.

Any of above 8, 65c each; 3 for \$1.75; \$6.50 doz.

Edgar Guest. (S.C.) An outstanding, early canary-yellow. A vigorous grower, free-blooming with good stems.

Maffie. (S.C.) The intense carmine blooms, often with gold tips on the center petals, are extra huge on vigorous plants.

Each of above 2, 95c each; 3 for \$2.50; \$9.50 doz.

Croyden Acme. (F.D.) Large double flowers of soft violet-orchid with a lavender suffusion. Very attractive.

Sunburst. (I.D.) Large yellow shaded with buff. Well branched plant, excellent for the garden.

Each of above 2, \$1.25 each; 3 for \$3.45; \$12.50 doz.

Five Star General. (F.D.) Very large, light amaranth pink with tips of soft maize yellow on stiff stems.

Mrs. Hector Pape. (I.D.) Huge reddish purple flowers on medium-tall plants with fine foliage.

Each of above 2, \$1.75 each; 3 for \$4.75; \$17.50 doz.

Miniatures

These, unexcelled for the border, produce dwarf, 3-foot plants, free-blooming and long-keeping cut-flowers. Plant 2 feet apart. They require no disbudding or staking.

Coralette. (Min. F.D.) Charming double flowers of glowing coral-pink in profusion on dwarf bushy plants.

Corinna. (Min. F.D.) These give a very bright sunny effect with their cheerful deep yellow flowers.

Ike. (Min. F.D.) A profusion of delightful deep red flowers which are excellent for cutting.

White Fawn. (Min. F.D.) Splendid pure white, double flowers with fine stems for cutting.

Any of the above 4, 50c each; 3 for \$1.35; \$5 doz.

Pompons

These delightful small, ball-shaped cut-flowers through late summer and fall, require very little care. They grow 2½ feet high and the more you cut the more they bloom.

Betty Anne. Exceptionally fine, with small uniform blooms of soft rose-pink on healthy, vigorous plants.

Johnny Peppin. Very small flowers, 1¼ inches across, of almost perfect ball-shape. The color is dark red.

Little Snow White. A perfect pure white pompon with flowers held up well above the foliage.

Yellow Gem. Fine deep yellow blooms, 1½ inches across, of perfect form, on nice long stems.

Any of the above 4, 50c each; 3 for \$1.35; \$5 doz.

DAHLIA CULTURE. Dahlias like a good soil but not too rich, in sun. Dig a hole 16 inches deep, firmly backfill 10 inches with half sand, half loam, well mixed for good drainage. Set stake, lay tuber flat and cover with 3 inches of soil. As growth appears, gradually fill hole to surface and then mound up. When plant is a foot high, tie to stake and feed with 2 or 3 ounces of fertilizer stirred into surface. Shallow cultivate and mulch during hot months. Disbud side shoots. Space plants 3 to 4 feet apart. For cut flowers immerse stems in water hot to the touch. After cooling shift to cold water overnight.

Galtonia

Cape Hyacinth or Silver Candles (*Hyacinthus candicans*) makes a fine background border plant. Treat like Gladiolus.

Candicans. Long slender leaves and 4-foot stems bearing 20 to 30 fragrant, white, drooping bell-flowers in July-August. Plant 6 in. deep in rich light soil in sun or half shade. 3 for 55c; \$1.75 per doz.; \$12 per 100.

Ismene

These delightful Peruvian Daffodils will bloom in late July if the bulbs are planted in late May or June after the ground is dry and warm. To bloom earlier, start the bulbs indoors in April and shift to the garden in late May. Lift the bulbs before frost and store dry over winter at 60° F.

Calathina. Long-lasting umbels of three or four, pearl-white, lily-like flowers on long-leaved plants 2 feet high. Large bulbs, 50c each; \$5 per doz.

Hardy Lilies (For plants see pages 10 and 17)

These, with their beauty and fragrance, appear best in groups against a background of shrubbery in well-drained soil.

Regale. White funnel blooms, shaded pink and streaked brown, inside flushed yellow in July. Ht. 5 ft. Plant 8 in. deep in sun. 9-10 in. bulbs. 70c each; \$7 per doz.

Speciosum rubrum. Graceful, ruby-carmine, white edged flowers with reflexed red-spotted petals, in August and September. Ht. 4 ft. Plant 6 in. deep in sun. 9-10 in. bulbs. 80c each; \$8 per doz.

Tenuifolium (Coral Lily). Thread-like leaves and clusters of recurved, coral-red bell flowers in June. Ht. 2 ft. Plant 6 in. deep in partial shade. 25c each; \$2.50 per doz.

Ranunculus

Fine 15-inch border plants for cutting. In May plant the bulbs with claws downward, 3 inches deep and 6 inches apart.

Giant Claremont Hybrids. Double and semi-double, peony-like flowers, 2 inches or more across in every shade of yellow, orange, pink and red. \$1 per doz.; \$7 per 100.

Tigridias

In May, plant in a sunny, well-drained border, 4 inches deep and 6 apart. Water well. Bloom July to Sept. Ht. 3 ft.

Pavonia Mixed. Large brilliant 3-petaled, open flowers with contrasting cup. \$1.75 per doz.; \$12 per 100.

Tuberoses

Select a sunny, well-drained, rich soil and in May, plant 2 inches deep. The flowers, in Aug.-Sept., are very fragrant.

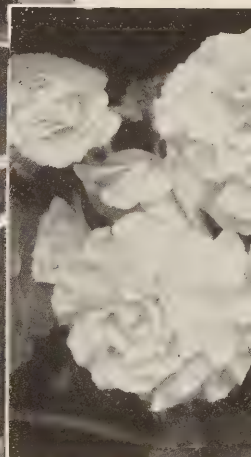
Excelsior, Double Pearl. Spikes of waxy, white. Ht. 2 ft. \$1.50 per doz.; \$10 per 100.



Dahlia
Jersey's Beauty



Ismene calathina



Begonia, Double Camellia-flowered



Lily, Speciosum rubrum



Ranunculus, Giant
Claremont Hybrids

FORBES GLADIOLUS BULBS

For charm and color, few other flowers compare with Gladiolus. They can be grown with very little effort as they thrive in ordinary garden soil. The tall green stems, fairly bursting with brilliant color, provide a luxuriance of rainbow beauty. For cut-flowers, Gladiolus are unexcelled. Mass them together in solid beds, plant them in borders, and among shrubbery. With successive planting from April through June, they will bloom from July until frost. Plant bulbs 4 inches deep and 4 inches apart, cultivating frequently and watering freely. They revel in full sunshine. Thrips are now easily controlled with D.D.T. Soak the bulbs before planting in a gallon of water containing 4 teaspoonfuls of Lindane. Dust the plants every 10 days with 5 per cent D.D.T. dust.

THE CREAM OF THE CROP

Blue Beauty. Large wide open florets of light blue with violet-blue shadings at the petal edges. A very fine exhibition variety.

Burma. Heavily ruffled, huge florets of very deep rose with lighter throats, forming early on tall strong stems. A prize winner.

Cover Girl. A giant medium-pink, opening 10 to 12 well-placed, large florets on a tall spike. Splendid for both garden and exhibition.

Elizabeth the Queen. Beautiful, clear mauve, ruffled flowers with darker lines in the throat. The large spikes have excellent form.

Golden Arrow. A beautiful pure pastel yellow without greenish cast or throat markings. It is a very vigorous grower.

King Lear. Very early, ruffled, rich deep purple florets of large size with silver edging on the petals. A truly fine variety.

Orange Gold. A splendid clear orange self color with 5 to 6 large florets on an 18-bud spike held erect by strong tall stems.

Pandora. Opens 8 to 10 clear soft geranium-pink florets, with cherry feathering in the throat. Superb for exhibition.

Any of the above 16 varieties, \$1.10 per doz.; \$7.25 per 100

TRY THESE BLUE-RIBBON WINNERS

Here's your opportunity to try these new grand champions exceeding in size and coloring anything you have grown before.

Birch Red. This is the best deep red so far developed. A superb tall variety with a double row of large florets, 8 open at one time.

Cotillion. Huge, tall spikes with 10 or more huge, slightly frilled, deep pink florets with creamy yellow throats open at one time.

Florence Nightingale. This top award winner has very large, pure white, slightly ruffled florets perfectly placed on tall stems.

Gene. Intensely ruffled medium yellow with excellent placement of the large florets, 6 to 8 open at one time.

General Eisenhower. Huge, deep begonia-rose florets well placed on long strong spikes and enjoying much deserved popularity.

Lancaster. A clear dark purple of immense size with 10 waved and ruffled florets open at once. The stems are tall and straight.

Red Wing. Rich vibrant red florets, 6 to 8 open at one time on a 20-bud spike. These are well placed on strong stems.

Any of the above 7 varieties, \$1.85 per doz.; \$12.95 per 100

TRY THESE DELIGHTFUL MINIATURE GLADS

A brand new garden thrill awaits you if you have never grown these charming Miniature Gladiolus. They have slender, dwarfier plants with much smaller and far more dainty flower-spikes. These light airy spikes of great beauty and charm have unlimited uses as cut-flowers for corsages, centerpieces, small vases and general decoration. The bulbs are much smaller than the regular Glad bulbs and should be planted about three inches deep in a sunny place in good garden soil. Try some—you'll be delighted.

Bo Peep. A dainty salmon-pink with cream throat and pink stippling. Has 4 to 5 very heavily ruffled florets open at one time.

Flicker. Medium orange, yellow-throated florets with bright scarlet blotches, 5 to 6 open at once on 15-bud sturdy spikes.

Kewpie. An outstanding favorite with tiny florets of light red with cream picotee edge. Opens 3 to 4 florets on straight spikes.

Loveliness. Charming, small pale pink florets with pointed petals which are quite unusual and extremely attractive.

Picardy. This gorgeous delicate apricot-pink variety elicits universal admiration. The extremely large florets are somewhat ruffled.

Pink Radiance. Pure light pink with a silvery sheen. Up to 10 huge florets on a 24-inch flower spike. Extra fine.

Ravel. The large, heavy-textured, violet-blue florets have reddish brown throat markings and are well placed on strong, tall stems.

Red Charm. An outstanding new variety with huge florets of glowing medium red, well placed in attractive spikes on tall straight stems.

Silver Wings. Slightly ruffled, beautiful white florets with no other markings, of fine size, well placed on the long stems. Extra fine.

Spotlight. Striking, slightly waved, large florets of deep golden yellow with a fiery red throat blotch, well spaced on tall stems.

Valeria. This early bright scarlet, the best of its color, has large, beautifully ruffled florets and heavy stems, making it fine for cutting.

White Gold. Magnificent, huge cream-white open flowers with golden yellow centers on giant spikes. Wonderful for exhibition.

Forbes Rainbow Gladiolus Mixture

Made with bulbs of ten different shades of color

Plan now for a rainbow display of Gladiolus in this year's garden. These wonderful summer flowers, with their wide color range, will brighten your borders from July until frost. Easily grown and thrive in any garden soil. Forbes famous Rainbow Gladiolus Mixture is especially prepared from largest-sized bulbs of ten distinct named varieties of ten different shades of color. This is far superior to ordinary commercial bulb mixtures of unknown color balance. Each 50 bulbs consists of 5 bulbs of each shade.

80 cts. for 10; \$3.45 for 50; \$6.50 per 100; \$62 per 1000
Full cultural directions enclosed in every package

Snow Baby. This is a little beauty with wonderfully formed, pure white florets nicely placed on small wiry stems.

Yellow Bird. Deep yellow, rounded, slightly recurved florets, 6 to 8 open at one time on 26-inch flower heads. Very pretty.

Any of above 6 Miniatures, \$1.20 per doz.; \$7.95 per 100

For Thrips control, see D.D.T. dust and solution on page 62

FORBES FINE FLOWER SEEDS

Only the best, brought together from all corners of the globe

In any gardening effort, the results are really based on the quality of the seeds used. The greatest care and the longest experience are useless if the seeds are not good. It has been our pleasurable task since 1898 to currently determine the relative worth of all available seed strains. Our constant aim is to offer only the finest, and through the years Forbes Flower Seeds have earned an enviable record for consistent high quality. Commendable reports reach us in ever-increasing numbers. We feel that your use of Forbes Seeds will greatly add to your gardening pleasure and satisfaction.

Seeds of Annual Flowers

With a delicate beauty all their own, annuals sprout from seed, grow, flower, fruit, and die all within the garden year. They are easily grown from seed.

ACROCLINIUM

Popular Everlasting Flowers easily grown in any soil, blooming six weeks after seeding. Sow early indoors and set out in May for bloom from June until frost; or sow direct in the garden bed in May.

Giant Double Hybrids.

Pkt. 15c; $\frac{1}{4}$ oz. 45c

Fine, large flowers in shades of salmon, apricot, pink, rose, and cerise, and in white and cream, on 20-inch plants.

AGERATUM • For Plants see page 8

Floss Flower. One of the very finest dwarf bedding plants, as it flowers continuously all summer up to frost. Plants will be ready to set out in the garden in May from seed sown in January and February. Also sow in the garden in May. Thrives in full sun or half shade.

Blue Boy.

Pkt. 20c; $\frac{1}{4}$ oz. 65c

The plants are compact and very uniform, about 6 inches high. Its rich deep blue flowers, freely produced, almost obscure the neat deep green foliage. Fine for borders and rock-gardens.

Blue Perfection.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

Large flower-heads of deep amethyst-blue on 9 to 10-inch plants. Excellent for large beds and for cutting.

Midget Blue

Pkt. 20c; $\frac{1}{2}$ oz. 45c; $\frac{1}{4}$ oz. 75c

All-America Winner. This delightful little edging plant is the dwarfiest of all—6 inches high—with fine foliage literally covered with small, true ageratum-blue flowers. It comes uniformly dwarf.

ALYSSUM • For Plants see page 8

Fragrant edging plants fine for borders and window-boxes, with small flowers in great profusion through summer and fall. Sow the seed as soon as the ground is workable, having plants stand 8 to 12 inches apart. Cutting back the plants occasionally increases the bloom. They thrive in any soil.

Carpet of Snow.

Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50

Round, flat plants, 5 inches high and 10 to 12 inches across, with a solid mass of tiny white flowers.

Snow Cloth.

Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50

The very finest white variety, and blooms two weeks earlier than any other. The very flat round plants, 12 inches across and 6 inches high, form a compact mass of small pure white flowers.

Violet Queen, XXX

Pkt. 15c; $\frac{1}{4}$ oz. 50c; $\frac{1}{4}$ oz. 85c

An extremely fine English strain of unusual beauty. The round plants, 10 inches across and 6 inches high, form mounds of striking bright violet and make a very, unusual dwarf edging plant.

NEW ROYAL CARPET ALYSSUM—All-America Winner for 1953

The neat compact plants, 3 inches high and 10 inches across, literally carpet the ground and are covered with vibrant purple bloom all season. They contrast beautifully with the white forms. Pkt. 25c; $\frac{1}{4}$ oz. 80c.



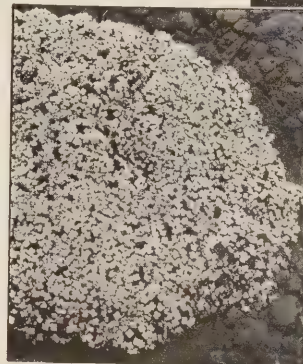
Ageratum, Blue Boy



Ageratum,
Midget Blue



Acroclinium,
Giant Double Hybrids



Alyssum, Snow Cloth



Aster,
Wilt-resistant Branching



Aster, Princess
Wilt-resistant



←
Balsam,
Dwarf Bush, see page 39



Amaranthus, Molten Fire

Arctotis,
Autumn Shades
Hybrids



AMARANTHUS

Brilliant-foliaged annuals. Like hot sun and well-limed, not too rich soil. Give them room to develop

Molten Fire.

Pkt. 15c; 1/8oz. 45c

The most ornamental of all, with 3-foot plants having dark bronze leaves and perfect poinsettia-red tops.

Tricolor splendens.

Pkt. 10c; 1/4oz. 40c

Joseph's Coat. The inner foliage is black-bronze tipped with green; the outer, bright scarlet and gold. Height 3 feet.

ANCHUSA

Alkanet. These pretty summer Forget-me-not-like flowers are beautiful in beds and for cutting.

Blue Bird.

Pkt. 15c; 1/4oz. 45c

Cape Forget-me-not. All-America Winner. The plants grow very compactly, 18 inches high, with nearly flat heads of vivid indigo-blue flowers at the top of the plant. Blooms throughout the summer.

ARCTOTIS

African Daisy. This handsome annual blooms from July until frost if given a sunny location. It lasts unusually long as a cut-flower. Sow seed outdoors in May. The Arctotis Hybrids are especially attractive. If wanted to bloom earlier start the seed indoors in March.

Grandis.

Pkt. 10c; 1/4oz. 50c

Bushy 2 to 3-foot plants with 2-inch daisy flowers with mauve centers and pearl-white petals, reverse tinted lilac.

Autumn Shades Hybrids.

Pkt. 25c; 1/8oz. 60c

This fine border plant has gray-green foliage and large daisy-like flowers, 2 1/2 to 3 inches across on compact 10-inch plants. The colors embrace the rich autumn shades—red, orange, burnt orange, bronzy orange, yellow and cream, many with markings at the base of the petals. They are very gay in the border and do well in a dry soil.

ASTER • For Plants see page 8

Few flowers make a better show in the fall than Asters. They are among the most popular fall annuals grown and justly so, because of their ease of culture, season of bloom and lasting qualities, both in the garden and as cut-flowers. For early bloom start seed in March, no earlier, or in a greenhouse one month before they are to be transplanted, using sterilized soil. A 55 to 60-degree temperature is best to maintain growth. Water carefully to prevent overcrowded seedlings standing wet overnight. Aster seed may be sown direct in the garden bed after May 1.

WILT-RESISTANT STRAINS

Highly resistant strains again make possible the successful growing of Asters. Do not confuse "Aster-wilt" with "Aster yellows." The latter shows yellow or white spots on the plants which when badly infested shrivel up and fail to bloom. "Aster yellows," caused by leaf hoppers, is controlled by dusting the plants with 5 per cent D.D.T.

American Beauty Mixed.

Pkt. 15c; 1/8oz. 50c; 1/4oz. 85c

These beautiful flowers, from 4 to 5 inches across, have full heads of incurved petals and 18-inch stems and are produced in early September on plants 2 1/2 to 3 feet high. The keeping qualities are excellent.

Branching.

Each, pkt. 15c; 1/8oz. 50c; 1/4oz. 85c

This superb strain forms strong, branching bushes, 2 1/2 to 3 feet high, bearing on long, strong stems their chrysanthemum-like, large, fluffy blooms, double to the center, of exquisite form and delicate color, and the petals broad and undulating. They bloom usually at their best during September

Azure-Blue, Crimson, Shell-Pink, Purple, Rose, White, and Mixed.

Crego Improved, Mixed.

Pkt. 15c; 1/8oz. 50c; 1/4oz. 85c

Robust, branching plants 2 to 2 1/2 feet high, which bear, in mid-September, brilliant displays of large, double flowers with flat, curled petals. Very fine for cutting. The colors include Navy-Blue, Crimson, Orchid, Shell-Pink, Purple, Deep Rose, Dark Violet, White.

Heart of France.

Pkt. 15c; 1/8oz. 45c; 1/4oz. 80c

Medium-sized, rich deep red flowers with long stems in late August, on 1 1/2 to 2-foot branching, robust plants.

Princess, Mixed.

Pkt. 20c; 1/8oz. 75c; 1/4oz. \$1.35

This is a distinctly new flower type in Asters with full, deep crested centers surrounded by several rows of strong guard petals. The 3 to 3 1/2-inch flowers, fine for cutting are produced early on free-flowering 2 to 2 1/2-foot branching plants.

Queen of the Market, Mixed.

Pkt. 15c; 1/8oz. 45c; 1/4oz. 80c

This is an early Aster usually in bloom 2 weeks before most others. The graceful, double flowers of good size, on long stems for cutting, appear in early August, on branching plants 20 inches high. Excellent for cut-flowers.

ASTER, continued

REGULAR STRAINS (Not Wilt-Resistant)

California Giants, Mixed.

Combines the giant size and vigor of American Beauty with the earliness and fluffy, flat, curled petals of Crego. The 5-inch flowers are full-centered, on 18-inch stems, from late summer until frost, on 3-foot plants.

Pkt. 15c; 1/4oz. 40c; 1/4oz. \$1

Giant California Sunshine, Mixed.

Beautiful half-double 5-inch blooms, on long, stiff stems. The yellow, quill-like cushion center is encircled by a single row of contrasting petals. In pastel tones before mid-September on 2 to 3-foot plants.

Pkt. 15c; 1/4oz. 65c; 1/4oz. \$1.10

BALSAM

Lady Slipper. These half-hardy annuals love hot sun, rich soil, and plenty of water. They grow very rapidly and from seed sown in May form strong bushes thickly massed with rose-like flowers.

Double Camellia-flowered, Mixed.

Bushy 18-inch shining green plants with extra-double flowers clustered along the stems. In white, and red shades.

Pkt. 10c; 1/4oz. 40c

Dwarf Bush, Torch.

The double vermilion-red flowers of this type appear in clusters on top of the stem, instead of on the sides. They make nice 8 to 10-inch compact plants and are fine for growing in pots.

Pkt. 15c; 1/4oz. 40c; 1/4oz. 95c

Dwarf Bush Separate Colors

Use these for dwarf delicate color effects. **Rose-pink**, a soft shade; **white flushed pink**, delicate and **pure white**.

Each, Pkt. 15c; 1/4oz. 40c; 1/4oz. 95c

Dwarf Bush, Mixed.

Pkt. 15c; 1/4oz. 40c; 1/4oz. 95c

CALENDULA • For Plants see page 8

Pot Marigold. Showy hardy annuals, blooming from early summer until frost in good garden soil. Sow direct in the garden in April or May. For early flowering start indoors in March and grow cool with plenty of air in fairly rich soil. Keep the flowers cut for continuous blooming.

Orange King.

An unusually fine selection, with enormous very double, conventional flowers of deep red-orange, slightly darker at the full center, on stems excellent for cutting. Height 18 inches.

Pkt. 10c; 1/4oz. 45c; oz. \$1.35

Orange Shaggy.

All-America Winner. Graceful, orange-red flowers which are slightly lighter toward the center, giving a two-tone effect, on long, strong stems, fine for cutting. The petals are long, and deeply laciniated.

Pkt. 10c; 1/4oz. 45c; oz. \$1.35

Double Bedding Mixed.

These are of the conventional type with extra-large flowers in all of the orange and yellow tones.

Pkt. 10c; 1/4oz. 45c; oz. \$1.35

CALLIOPSIS

Blooms all summer in a dry, sunny spot. Sow in May where to bloom, thinning out to 6 inches apart.

Dwarf Goblin Mixed.

A novel mixture of yellows, reds, browns and pleasing bicolors on compact 6-inch plants fine for gay border edgings.

Pkt. 15c; 1/4oz. 45c

Dwarf Mixed.

Compact, bushy 12-inch plants, covered with gay single flowers. These have overlapping, notched ray petals, and are marked with bands or contrasting centers in yellow, orange, brown, maroon and crimson.

Pkt. 10c; 1/4oz. 25c

CANTERBURY BELLS

All-America Winner. Like the well-known biennial, *Campanula Medium* single, except that they bloom in six months from seed. The plants, 2 1/2 feet high, each produce 6 to 8 flower-spikes.

Mixed Hybrids.

Pkt. 10c; 1/4oz. 65c

ANNUALS FOR CUT FLOWERS

Ageratum
Anchusa
Arctotis
Aster
Calendula
Calliopsis
Candytuft
Centaurea

Chrysanthemum
Clarkia
Cosmos
Dianthus
Didiscus
Gaillardia
Gypsophila
Heliotrope

Larkspur
Lupinus
Marigold
Mignonette
Nasturtium
Phlox
Salpiglossis
Scabiosa

Snapdragon
Statice
Stocks
Sweet Peas
Ursinia
Verbena
Wallflower
Zinnia



Calliopsis,
Dwarf Mixed



Annual Canterbury Bells



Aster, Giant
California
Sunshine



Calendula, Orange King



Anchusa, Blue Bird, see page 38



Candytuft,
Dwarf Umbellata



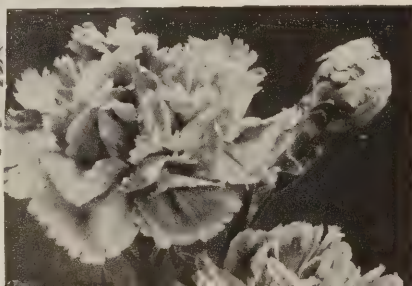
Candytuft, Giant
White Hyacinth-flowered



Centaurea Cyanus, Super-Giant



Celosia Cristata, Dwarf Mixed



Carnation,
Chabaud's Giant Outdoor

CANDYTUFT

May be grown by successive sowings, making the first outdoors in April where the plants are to bloom, thinning to stand 8 to 12 inches apart, allowing room for full development. They like rich soil and should be watered freely. They will bloom in about 8 weeks from sowing. Also see the Perennial List.

Giant White Hyacinth-flowered.

Pkt. 15c; ¼oz. 45c; oz. \$1.20

An extra-select free-blooming strain, with 18-inch branching plants, each branch terminating in an immense spike of snow-white florets. Best for cutting because of its branching habit and good stems.

Dwarf Mixed Umbellata.

Pkt. 10c; ¼oz. 45c; oz. \$1.20

An especially fine strain with compact, uniform plants, 6 inches high, bearing quite large flower-umbels of umbrella form. These are unexcelled for bedding plants, and make admirable margins.

CARDINAL CLIMBER

Pkt. 20c; ¼oz. 75c

The most beautiful and colorful of all annual climbers. The rapid-growing, fern-like vine attains a growth of 20 to 30 feet, and is studded with intense, fiery cardinal-red flowers, 1½ inches across, in clusters from summer to frost.

CARNATION • For Plants see page 8

If the seed is started in March indoors and transplanted to the garden in late May, at least 6 inches apart, you will have blooms from early summer right up to frost. A sowing in April gives flowers, but not until fall. In the fall pot the plants and cut back, to bloom again indoors.

Chabaud's Giant Outdoor, Mixed.

Pkt. 20c; ¼oz. 50c; ½oz. \$1.50

These bloom in five months from the time the seed is planted, and continue throughout the summer. They are of robust, upright form and 20 inches high, each plant with 10 to 20 stalks bearing huge, strongly clove-scented, double flowers of fine form. To get largest blooms allow only one bud to a stem. Excellent for cutting.

CELOSIA • For Plants see page 8

The dwarf Cockscombs are very showy in the border, and the plumed, feathered varieties are especially attractive in large beds. All are useful for cutting and retain their color even when dried. For the outdoor garden sow the seed May 15, in quite rich soil, and water freely. They bloom continuously from midsummer until frost. For early flowers start the seed indoors in March and transplant.

Cristata, Dwarf Empress.

Pkt. 15c; ½oz. 35c; ¼oz. \$1

Cockscomb. Dwarf 10-inch plants with dark bronze foliage and enormous crimson heads like a cockscomb.

Cristata, Dwarf Mixed.

Pkt. 15c; ½oz. 35c; ¼oz. \$1

Cockscomb. These dwarf, 1-foot plants are very uniform, bearing bright flowers in many colors, including crimson, rose, orange, gold and white. They are fine for borders and bloom all summer.

Plumosa, Ostrich Plumed, Mixed.

Pkt. 15c; ½oz. 60c; ¼oz. \$1

These are handsome plants of symmetrical, pyramidal growth, 2 feet high, each branch topped with a richly colored plume. They make gorgeous displays in beds from July until September in crimson, fiery red, scarlet and yellow.

Pyramidalis.

Each, pkt. 15c; ½oz. 55c; ¼oz. \$1.70

This plumed bedding type forms perfect pyramids, 12 inches high with spires branching mostly from the base of the plant. Dwarf Fiery Feather, fiery red; and Dwarf Golden Feather, golden yellow.

CENTAUREA • For Plants see page 8

Sow in the fall, direct in the garden bed, and thin out the following spring to stand at least 10 inches apart. These will give spring flowers. Or, seed can be sown in 2-inch pots in February or March and set in the garden border in April. The seedlings do not like transplanting. Seed sown in April or May will produce flowers from summer to frost if the faded flowers are cut. Likes lime.

Cyanus, Dwarf Double.

Each, pkt. 15c; ¼oz. 75c

Compact 12-inch plants covered with very double flowers. The foliage, distinct from others, forms a bright green tuft. Excellent pot-plant. Jubilee Gem, deep blue; Lilac Lady; Polar Gem, white; Rose Gem and Mixed.

Cyanus, Super-Giant.

Each, pkt. 15c; ¼oz. 30c; oz. 85c

Cornflower. This is a perfected strain, with larger, more double and more vividly colored flowers on long stems, splendid for cutting on 3-foot plants. Blue Boy, cornflower blue; and Formula Mixed.

Imperialis, Mixed.

Pkt. 15c; ¼oz. 40c; oz. \$1.20

Giant Sweet Sultan. Fluffy flowers on 2½-foot plants from June through August for cutting.

CHRYSANTHEMUM

Showy flowers of easiest culture and fine for cutting. Sow seed outdoors in May and thin plants to 10 inches apart for bloom all summer. Pinch in early growth. For earlier flowers sow the seed indoors in March and transplant in May. For Hardy Varieties see Shasta Daisy in Perennial List.

Carinatum, Merry Mixed.

In two months the 15-inch plants bear, on strong stems, a great profusion of daisy-like flowers, in entirely new color combinations with two zones of contrasting colors encircling the center disc.

Pkt. 15c; ¼oz. 65c; oz. \$1.95

CLARKIA

Very effective in the garden and for cutting. It does best where summers are not too hot, and thrives in poor, sandy or ashy soil in shady locations. Sow outdoors in April, or for earlier flowers start in March indoors in pots of poor soil, transferring in the pots to the garden bed in May.

Elegans, Double, Mixed.

Long, graceful sprays of double flowers resembling cherry blossoms, coming in beautiful soft shades of many colors. The 2-foot plants make very attractive beds and if the sprays are cut before they mature they last well.

Pkt. 15c; ¼oz. 60c

CLEOME • For Plants see page 2

Spider Flower. An excellent background subject for the rear of the border. Cut off all faded flowers.

Giant Pink Queen.

Pkt. 15c; ¼oz. 40c; ¼oz. 65c

A true pink variety from June to frost from seed sown early. Free from insects and disease. Height 4 feet.

Helen Campbell.

Pkt. 15c; ¼oz. 35c

At last, a pure white Spider Flower every bit as good as Giant Pink Queen. The vigorous, light green stemmed, 4-foot plants are free from insects and disease and carry a wealth of large white flowers all summer and fall.

CORN, ORNAMENTAL

The ears, with variegated, oddly colored kernels, when dried make splendid decorations for fall.

Indian Squaw.

Oz. 20c; ¼lb. 55c; lb. \$1.65

The stalks, about 5 feet high, produce long brightly colored ears with many different oddly variegated kernels.

COSMOS • For Plants see page 2

These are easy to grow, preferring a light soil in sun and should be pinched back when a foot high to encourage branching. For early flowers, start the seed in March in a warm temperature. The seed may be sown in the open ground after warm weather sets in, thinning to allow ample room.

Dwarf Early, Mixed.

Pkt. 10c; ¼oz. 25c; oz. 75c

Large flowers, 3 inches across, on vigorous, 4-foot plants in July. The flowers rival the size of the late varieties, but mature more than four weeks earlier.

Early Double, Mixed.

Pkt. 20c; ¼oz. 65c; ¼oz. \$1.10

The 4-foot bushy plants are massed with double flowers, like anemone-flowered chrysanthemums, 1½ to 2 inches across, in July. They will come about 65 per cent double.

Fiesta.

Pkt. 20c; ¼oz. 65c

All-America Winner. Semi-double, ruffled golden yellow flowers striped with orange-scarlet on 2½ to 3-foot plants with slender branches and airy foliage.

Sensation.

Huge flowers 4 to 5 inches across, with broad, heavy, fluted petals which slightly overlap. Produced on long, strong stems in 10 weeks on 4-foot plants. They should be spaced 3 feet apart and disbudded to produce largest flowers. **Dazzler**, deep crimson; **Radiance**, rose with crimson center; and **Mixed**.

CYNOGLOSSUM • For Plants see page 2

Chinese Forget-me-not. A showy, free-flowering annual of the easiest culture and very attractive.

Firmament.

Pkt. 15c; ½oz. 35c; ¼oz. 60c

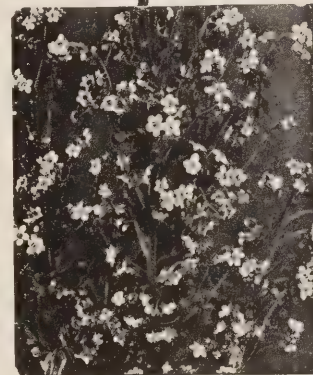
All-America Winner. A new dwarf type with bushy, compact, 15-inch plants smothered with bright, rich blue flowers throughout spring and summer. Excellent for cutting, for beds, and particularly for rock-gardens.



← Cosmos, Sensation Radiance



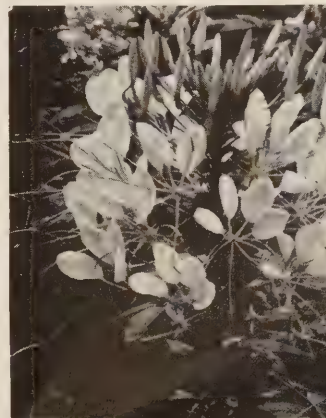
Chrysanthemum, Merry Mixed



Cynoglossum, Firmament



Clarkia elegans, Double



← Cleome, Helen Campbell

ANNUALS FOR FRAGRANCE

Alyssum
Candytuft
Centaurea Imperialis
Dianthus
Heliotrope

Larkspur
Mignonette
Nasturtium
Nicotiana
Phlox drummondii

Scabiosa
Snapdragon
Stocks
Sweet Peas
Verbena



Didiscus
cærulea



Dahlia,
Unwin's XXX Dwarf Hybrids



Eschscholtzia,
Monarch Art
Shades, Mixed



Dianthus chinensis
Double Mixed



Dimorphotheca
aurantiaca

DAHLIA • For Plants see pages 8 and 9

These are easily raised from seed and will bloom the first year if sown indoors from February to March.

Unwin's XXX Dwarf Hybrids.

Pkt. 20c; ½oz. 55c; ¼oz. 95c

An especially reselected strain with double and semi-double flowers in a great variety of colors: canary-yellow, scarlet, terra-cotta, crimson, lavender-pink, purple, maroon, buff, cream, white, etc. Produced in 3 months from seed on compact 2-foot plants. This is excellent for spring bedding.

DIANTHUS

Pinks. These are fine, strong, sturdy plants, bearing their exquisitely fragrant blooms through summer to frost. Sow seed outdoors in April as soon as ground can be worked, or for earlier flowers start seed indoors in February or March, and set out 6 inches apart, in a sunny location when frost is over.

Chinensis, Double Mixed.

Pkt. 15c; ¼oz. 45c; oz. \$1.25

China Pinks. Very double flowers of many bright colors, borne profusely in large clusters on strong, 18-inch plants.

Double Fringed Pinks. Wonderful, Mixed.

Pkt. 15c; ¼oz. 55c; oz. \$1.65.

Large, double, deeply cut flowers on stiff, upright stems, ranging from white to purplish red on 12-inch plants.

Single Fringed Pinks, Gaiety Mixed.

Pkt. 15c; ½oz. 55c

Beautiful, large fringed flowers in a brilliant range of colors borne freely on dwarf 12-inch plants.

DIDISCUS

An easily grown annual which is excellent for cutting, blooming from July until frost. Start the seed indoors in March for earliest flowers, or sow outdoors in a well-prepared bed early in May.

Cærulea.

Pkt. 10c; ¼oz. 45c

Blue Lace Flower. Pale azure-blue, lace-like, umbel-shaped flowers on long stems, on free-flowering, 1½-foot plants.

DIMORPHOTHECA

African Daisy. Attractive flowers which from an April sowing will bloom all summer in sun.

Aurantiaca, Mixed.

Pkt. 15c; ¼oz. 70c

Daisy-like flowers, 2½ inches across, with dark centers and long narrow incurving petals, on thin wiry stems held above nice bushy plants, 12 to 15 inches tall. They last quite well as cut flowers.

ESCHSCHOLTZIA

California Poppy. Easily grown, gorgeous flowers which are ideal for beds, mass plantings and for cutting. If cut in bud they will open in water and will last longer. Sow the seed in April or May in a sunny garden bed, and thin out seedlings to give ample room. They will bloom continuously from June until frost. An outdoor late fall sowing will provide earliest flowers the following spring.

Monarch Art Shades, Mixed.

Pkt. 15c; ¼oz. 45c; oz. \$1.35

The utmost in California Poppies. A dwarf, erect strain on 1-foot plants, with beautiful lace-like, silvered foliage. The single flowers come in lovely shades of soft pink, scarlet, chrome, copper-red, claret, and royal purple.

EUPHORBIA

Very showy, with ornamental foliage suitable for tall beds or mixed borders. Sow outdoors in April

Variegata.

Pkt. 10c; ¼oz. 40c; oz. 65c

Snow-on-the-Mountain. Strong, 2-foot bushy plants with wide green leaves veined and margined with white.

GAILLARDIA • For Plants see page 8

Blanket Flower. These provide a continual show of bright flowers from early summer until frost. Sow seed in April or May where the plants are to bloom. For Hardy Varieties see Perennial List.

Lorenziana, Double Mixed.

Pkt. 10c; ¼oz. 40c; oz. \$1.10

Bright, double ball-flowers in orange, yellow, red and rose shades. These 1½-foot bedding plants freely produce the flowers from midsummer to frost, on fine stems. They stand drought well.

ANNUALS FOR
FALL SOWING

Alyssum
Calendula
Calliopsis
Centaurea cyanus
Clarkia

Cleome
Cosmos
Dianthus
Eschscholtzia
Gypsophila

Larkspur
Nigella
Poppy
Snapdragon
Sweet Peas

GLOBE AMARANTH

Gomphrena. A showy annual with clover-like heads from July until frost. Sow the seed outdoors in May in a sunny spot. Provides cut-flowers for bouquets and Everlasting Flowers for winter use.

Globe Amaranth, Mixed.

Free-flowering 18-inch plants producing clover blooms of purple-red, pink, orange, and white striped violet. Pkt. 10c; 1/8oz. 25c

GOURDS, ORNAMENTAL

Quite popular for ornamental use. Climbers, growing 15 to 20 feet, with ornamental foliage and singularly shaped fruits. Sow after danger of frost in a warm, sandy, very well-drained location. When matured, dry and hard, clean the Gourds and give a light coating of varnish or shellac.

Small Varieties Mixed. Many interesting and varied forms and colors.

Pkt. 10c; 1/2oz. 40c; oz. 65c

GYSOPHILA ELEGANS

Baby's Breath. Feathery panicles of small star flowers, gracefully borne on slender stems on 1 1/2-foot plants. They are excellent for cutting to mix with other flowers. Sow at intervals where intended to bloom and thin out the plants to permit full development. They are of easy culture, like a sunny, well-limed soil and bloom in six weeks. For Hardy Varieties see Perennial List.

White Covent Garden Market, Reselected.

Pkt. 10c; oz. 35c

A new, improved, big-flowered pure white strain which is unsurpassed for form of plant and size of bloom. A very high percentage of the flowers are 6 to 8-petaled and on nice long stems. This is an unusually fine strain and the plants grow 2 feet high.

HELIANTHUS

Sunflower. These are free-flowering, and thrive in any garden soil if located in a sunny position.

Sun Gold.

Pkt. 15c; 1/4oz. 35c; oz. 95c

Fully double, golden yellow, Chrysanthemum-like 4-inch flowers. Sow outdoors in May for August bloom. Ht. 4 ft.

HELICHRYSUM

Strawflower. One of the best of the Everlasting Flowers. They succeed in any good garden soil, blooming throughout summer and fall. Sow the seed in May and thin plants to stand 1 foot apart. The 2 1/2-foot plants are very free flowering with large, double, brilliantly colored blooms which make a fine display. Useful for cutting as well as for winter bouquets of Everlastings. For this, cut the flowers before the centers open; dry, hanging upside down in a cool, dark place.

Monstrosum, Mixed.

Pkt. 10c; 1/4oz. 55c

HELIOTROPE • For Plants see page 9

Started indoors in February or March this will make nice plants for summer pot-plants and bedding.

Giant Hybrids, Dark Varieties.

Pkt. 20c; 1/8oz. 60c

Very large, delightfully fragrant flower heads in dark blue-purple shades on strong plants, growing 2 feet high.

KOCHIA

Summer Cypress. Sow in April or May in the garden where to bloom, thinning out to allow room.

Trichophylla.

Pkt. 10c; oz. 35c

The light green pyramidal bushes, close and compact, may be grown singly or in the form of a hedge or background and may be clipped to resemble an ornamental evergreen. In autumn the 3-foot bushes turn beautiful deep red.

ANNUALS FOR ROCK- GARDENS

Ageratum
Alyssum
Balsam, Dwarf Bush
Calliopsis, Dwarf
Candytuftumbellata, Dwf.
Celosia cristata, Dwarf
Centauria cyanus, Dwf.
Cynoglossum

Dianthus
Dimorphotheca
Eschscholtzia
Lobelia
Marigold, Dwarf
Nasturtium, Dwarf
Nierembergia
Pansy

Petunia
Phlox drummondii
Portulaca
Salvia, St. John's Fire
Snapdragon, Miniature
Torenia
Verbena
Zinnia, Dwarf



Gourds,
Ornamental



Gaillardia Lorenziana, Double
See page 42



Helichrysum monstrosum
Mixed

Gypsophila elegans, White Covent
Garden Market, Reselected

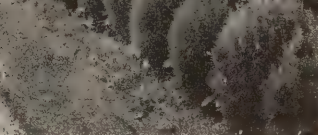


Globe Amaranth





Lobelia, Crystal Palace compacta



Kochia trichophylla
See page 43



Lupinus Hartwegi.
Giant King Hybrids



Larkspur, Giant Imperial
White King

LARKSPUR • For Plants see page 8

No garden is complete without a liberal showing of this graceful, attractive double flower. It is unexcelled for cutting and with its many soft colors makes delightful beds for the garden. For early outdoor bloom start the seed about March 1 indoors in flats; these plants can be set out in the garden in late April or May, as soon as the ground is ready, and will bloom from late June on. They must be grown cool and in good, but not over-rich soil. A later sowing may be made direct in the open ground in April or May, and again in late fall for an earlier display in the following spring. Before seeding in hot weather it is best to chill the seed for several days.

Giant Imperial Varieties

Each, pkt. 15c; $\frac{1}{4}$ oz. 55c; oz. \$1.65

This is a magnificent base-branching strain with sturdy, upright, compact plants, 3 to 4 feet high. The fernlike foliage is attractive and the tapering flower spikes are crowded with double florets.

Blue Bell. All-America Winner. Azure-blue.

Blue Spire. Deep Oxford blue.

Brilliant Rose. Deep salmon-rose suffused carmine.

Exquisite Pink Improved. Soft salmon-pink.

Exquisite Rose. Rose-pink.

Lilac King. The best rich lilac.

Miss California. Deep rose on salmon.

White King. All-America Winner. Pure white.

Giant Imperial, Special Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 55c; oz. \$1.65

A fine mixture of the colors in this class, and each is proportioned according to its popularity.

LOBELIA • For Plants see page 8

An ideal edging and pot-plant, forming small, round compact plants, covered with blooms. The seed should be planted indoors in January to produce well-flowered pot-plants for spring. A February or March seeding will provide plants for outdoor spring bedding to bloom from July to frost.

Crystal Palace, compacta.

Pkt. 15c; $\frac{1}{4}$ oz. 40c

An exceptionally fine variety, producing 4-inch plants with dark bronzy green foliage and dark blue flowers.

LUPINUS HARTWEGI

Lupine. Easily grown annuals with dark, glossy foliage and long, graceful spikes of pea-shaped flowers in delightful colors from June to September. Sow seed in April or May in partial shade, where plants are to remain, and thin out to 15 to 18 inches apart, as they do not like transplanting.

Giant King Hybrids, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 45c; oz. \$1.25

All-America Winner. The very finest strain, with 3½-foot base-branching plants, each producing 4 to 6 very long, erect spikes covered with large dark blue, sky-blue, rose, and white flowers. Like well-drained, sandy soil.

MARIGOLDS • For Plants see page 8

One of the most satisfactory and easily grown annuals, showing its decorative flowers from midsummer until late fall. Sow seed outdoors in May or indoors in March and transplant, allowing ample room for development. Caution—avoid heavy manuring, too much water, and crowding plants closely.

LARGE-FLOWERED VARIETIES

Many of the improved Marigolds are odorless and of more interesting flower form and plant habit.

African Super Alldouble, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 45c; $\frac{1}{2}$ oz. 75c

All flowers, in shades of orange and yellow are huge, perfectly formed, double quilled heads on 3-foot plants.

Dwarf Giant, Pot o'Gold.

Pkt. 15c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 85c

The brilliant deep golden orange flowers, over 4 inches across, appear earlier than any other Marigold. The dwarf compact plants, 12 to 15 inches high, each bear a dozen or more large blooms at one time and all come 100% double.

Full-Double Orange.

Pkt. 15c; $\frac{1}{4}$ oz. 65c; $\frac{1}{2}$ oz. \$1.10

Extremely large, rich orange, sweet-scented flowers, often over 5 inches across, borne on 2½ to 3-foot, very robust plants. They are much admired in the border and are unusually fine as cut-flowers.

Glitters.

Pkt. 15c; $\frac{1}{4}$ oz. 55c

All-America, 1951. A new incurved "Mum" type with glittering clear yellow, long stemmed flowers, 3 to 4 inches across, contrasting with the dark-foliaged, bushy, 3-foot plants from midsummer to frost.

Guinea Gold.

Pkt. 15c; $\frac{1}{4}$ oz. 45c; $\frac{1}{2}$ oz. 75c

All-America Winner. This is extremely popular and excellent for both cut-flowers and garden display. The very brilliant, orange, double flowers are flushed with gold and have ruffled, loosely placed petals. The flowers are 3 inches across and bloom freely on graceful pyramidal plants, 2½ feet high.

FLOWER GARDEN MIXTURE. A mixture of annuals for both borders and cut-flowers. Oz. 60c.

MARIGOLDS, LARGE-FLOWERED VARIETIES, continued • For Plants see page 8

Mammoth Mum.

Pkt. 15c; $\frac{1}{2}$ oz. 45c; $\frac{1}{4}$ oz. \$1.20

All-America Winner. The strong, bushy, 3-foot, erect, dark-foliaged plants bear long-stemmed, fluffy, ball-like pale sulphur-yellow flowers of huge size, $3\frac{1}{2}$ to 4 inches across and 2 inches deep.

Mission Giants.

Each, pkt. 15c; $\frac{1}{2}$ oz. 55c; $\frac{1}{4}$ oz. 80c

Ball-shaped Chrysanthemum-like flowers, 3 to 4 inches across, with incurved petals on vigorous, base branching $2\frac{1}{2}$ -foot plants. **Goldsmith**, golden orange; and **Yellowstone**, golden yellow.

Sunset Giants, Mixed.

Pkt. 15c; $\frac{1}{2}$ oz. 45c; $\frac{1}{4}$ oz. 75c

They are full centered, 5 inches across, with broad overlapping heavy petals. They have fragrance and come in shades of orange and yellow in great profusion on robust plants $3\frac{1}{2}$ to 4 feet high.

Yellow Supreme.

Pkt. 15c; $\frac{1}{2}$ oz. 45c; $\frac{1}{4}$ oz. 75c

All-America Winner. This strain has large, fluffy, well-rounded carnation-like flowers of a delicate sweet fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow color. The $2\frac{1}{2}$ -foot plants are remarkably healthy, vigorous and branching, with foliage practically free from odor.

SMALL-FLOWERED VARIETIES • For Plants see page 8

These are the varieties which make such interesting, colorful dwarf beds. They are also valuable for small pot-plants and for this should be started in January and grown in a warm temperature. For bedding plants start the seed indoors in March, and for outdoor culture sow in the garden in May, thinning to stand 1 foot apart.

Extra-Dwarf Double African.

A new class with larger flowers than the Dwarf Double French produced on 6-inch edging plants.

Cupid.

Pkt. 20c; $\frac{1}{2}$ oz. 80c

The compact primrose yellow flowers, $2\frac{1}{2}$ inches across, are freely produced on very dwarf 6-inch rounded plants having odorless foliage. Cupid is unexcelled for neat colorful yellow edgings or for rock gardens.

Extra-Dwarf Double French.

A fine early-flowering strain bred by careful selection to produce neat 9-inch, uniform, bushy plants.

Gold Crest.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

Bright golden yellow, 2-inch flowers with full crested center surrounded by guard petals. Free flowering, dwarf, compact, 9-inch plants show their bloom very early.

Spry.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

All-America Winner. Very dwarf, compact 9-inch plants, 15 inches across, excellent for pots and borders. The flowers, produced most freely of all Marigolds, are $1\frac{1}{2}$ inches across with bright clear yellow crested centers surrounded by mahogany-red guard petals. The blooms begin in 9 weeks from seed and later cover the plants.

Sunkist.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

All-America Winner. Deep golden orange, 2-inch blooms with crested center of tubular petals flanked by broad deep orange guard petals covering 6 to 8-inch, mounded plants. Early; fine for pots and window-boxes.

Yellow Pygmy.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

All-America Winner. Free-flowering, dwarf, compact, 8-inch plants with small double light yellow flowers, 1 inch across. Very fine for pot-culture, borders and edgings.

Extra-Dwarf Double French Mixed.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

These are splendid for mixed edgings or low borders and include many bright interesting colors.

Dwarf Double French.

Bushy 12-inch plants covered with double flowers, $1\frac{3}{4}$ inches across, from early summer through fall.

Harmony.

Pkt. 15c; $\frac{1}{2}$ oz. 65c

Popular favorite with deep orange crested center petals flanked by broad, dark maroon-brown guard petals.

Scarlet Glow.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

All-America Winner. Fully double flowers, $1\frac{3}{4}$ inches across, opening deep scarlet and aging rich tangerine, borne on dwarf, 10-inch plants, 18 inches across. The brightest red in this class with stems long enough for cutting.

Dwarf Single French.

These have the same compact free-flowering habit of the double form but with uniform, single flowers.

Flash.

Pkt. 15c; $\frac{1}{2}$ oz. 50c; $\frac{1}{4}$ oz. 85c

All-America Winner. The large single $1\frac{3}{4}$ -inch flowers range from vivid red through bronze, with a few yellows. Most are tangerine overlaid with Marigold-red. The compact 18-inch plants make colorful borders.

Naughty Marietta.

Pkt. 15c; $\frac{1}{2}$ oz. 50c; $\frac{1}{4}$ oz. 85c

Fine, single, golden yellow flowers blotched with maroon at the center, over 2 inches across. 15-inch plants.

Redhead.

Pkt. 15c; $\frac{1}{2}$ oz. 50c; $\frac{1}{4}$ oz. 85c

The large, crested 2-inch flowers with broad overlapping petals are first mahogany, then auburn and later bronze with crested gold centers tipped with maroon. Height 15 in.

Sunny.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. 65c

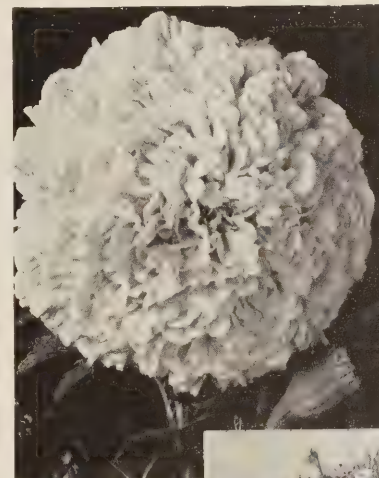
Sparkling, vibrant, clear yellow single flowers, 2 inches across, with broad overlapping waved petals, on 15-inch free-flowering plants.



Marigold, Dwarf Double French
Scarlet Glow



Extra-Dwarf Double French
Yellow Pygmy Marigold



Marigold, Mammoth Mum

Marigold,
Full-Double Orange
See page 44



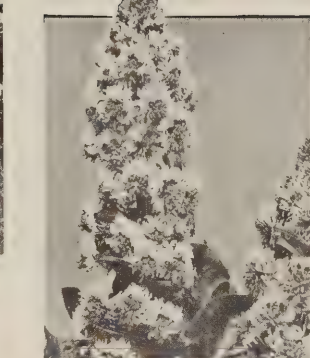
Marigold,
Extra-Dwarf Double
French, Spry



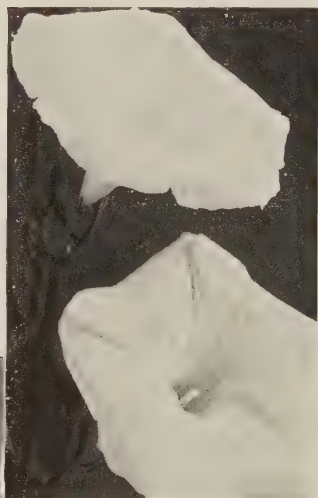
Marvel of Peru, Four O'Clock,
Fine Mixed



Nasturtium,
Double Gleam Hybrids, Mixed



Mignonette, Old-Fashioned



Morning-Glory, Pearly Gates



Moonflower, Giant White

← Morning-Glory, Heavenly Blue

MARVEL OF PERU

Four O'Clock. This is an old-fashioned annual of bushy habit and is frequently used to form a hedge. The flowers open in late afternoon. Sow seed outdoors in April in a sunny location.

Four O'Clock, Fine Mixed.

Bushy, 2-foot plants with glossy foliage dotted with hundreds of single flowers in white, yellow, red, rose and blue. Pkt. 10c; oz. 55c

MIGNONETTE

Sow the seed outdoors in April in a half-shaded location, where, if possible, it gets the morning sun. Thin out to stand 1 foot or more apart, as they resent transplanting. Sow in July for late bloom.

Old-Fashioned Sweet-Scented.

The old-fashioned variety, with small spikes produced in large numbers. Is unusually sweet-scented. Height 1 foot. Pkt. 10c; 1/4oz. 35c; oz. 55c

MOONFLOWER

A rapid-growing annual climber, frequently used for covering garden houses, fences, etc. Notch the seed and soak it in warm water overnight to hasten germination. For early bloom start indoors in March, and set out in the garden when frost is past; or sow direct to the garden bed in May.

Giant White

Grows from 20 to 30 feet, and on dull days or at night the plants are covered with fragrant, white, 5-inch flowers. Pkt. 10c; 1/4oz. 20c; oz. 55c

MORNING-GLORY • For Plants see page 9

One of the most free-flowering and rapidly growing plants for shading porches and covering trellises. Prefers poor soil. Notch the seed and soak overnight in warm water to hasten sprouting. Plant outdoors in May, or for earlier flowers start indoors in pots March 15th, and later set out in the garden.

Cornell.

The large bright carnelian-red flowers, edged pure white, appear early and cover the vigorous vines. Pkt. 15c; 1/4oz. 65c

Heavenly Blue, Early-flowering.

This is by far the most beautiful and most popular of all. The huge blossoms, 4 to 5 inches across, of clear sky-blue with cream-colored throats, make a beautiful contrast with the green foliage. Pkt. 15c; 1/4oz. 30c; oz. 90c

Pearly Gates.

All-America Winner. Huge lovely, lustrous white flowers with creamy shading down in the throat. They are 4 inches across and literally cover the fast-growing, vigorous vines from July to frost. Pkt. 15c; 1/4oz. 30c; 1/2oz. 50c; oz. \$1.50

Scarlett O'Hara.

All-America Winner. Deep rosy crimson, 4-inch flowers, freely produced in 2 1/2 months from seed. Pkt. 15c; 1/4oz. 45c; oz. \$1.35

NASTURTIUM

These will grow on poor soils where other plants fail, including dry sand or gravel banks. They are of the easiest culture and will produce a great profusion of brightly colored flowers within a few weeks after the seed is sown, and continue up to frost. Sow outdoors in April or May. To prevent aphids from coming on the plants, scatter a few moth balls on the ground below the plants.

Dwarf, Single Mixed.

These are the well-known singles, both plain and fancy-leaved, 1 foot high, with a great variety of color. 1/4oz. 10c; oz. 35c; 1/2lb. \$1.10

Dwarf, Semi-Double Gem, Mixed.

This is a very well-balanced mixture, and makes a bright, colorful border with semi-double flowers. 1/4oz. 15c; oz. 45c; 1/2lb. \$1.35

Double Gleam Hybrids, Mixed.

The large, sweet-scented flowers are uniformly double, and borne on erect, stiff stems above the large, vigorous, semi-dwarf bushes which throw out short runners. They come in a nice array of colors. 1/4oz. 15c; oz. 40c; 1/2lb. \$1.25

Want a permanent Vine instead of Morning-Glory and Moonflower?

We offer on page 12 a nice selection of Hardy Vines which will bloom year after year. All are well established in 5, 6 or 7-inch pots and may be set out in your garden without any danger of loss. They require little care and will become a real garden feature.

The large-flowered Clematis, in several colors, bloom through the summer months and if you like Climbing Roses you'll find 14 of the finest varieties described on page 33.

NICOTIANA • For Plants see page 8

Flowering Tobacco. A very desirable, easily grown annual, making wonderful showy displays from June until frost. Sown outdoors in May and thinned to stand 9 inches apart, it thrives in rich soil and full sun. The flowers open toward evening, when they scent the air with delightful perfume.

Affinis, White. Pkt. 10c; ¼oz. 35c
Fragrant white flowers, not unlike a Petunia, but with a longer tube and held in clusters on 2½ to 3-foot plants.

Crimson Bedder. Pkt. 15c; ½oz. 45c; ¼oz. 80c
This is a dwarf variety with clusters of bright pale crimson flowers on large-leaved plants, 15 inches high.

Daylight Sensation Mixed. Pkt. 15c; ½oz. 45c
This new strain is the very finest development in Nicotiana. The 2½-foot plants bear a wealth of flowers in a brilliant color range including scarlet, crimson, rose, coral, mahogany, violet, yellow, lilac and white. The large blooms, unlike the older strains, remain open during the daytime.

FLOWER GARDEN MIXTURE. A mixture of annuals for both borders and cut-flowers. Oz. 60c.

NIEREMBERGIA

Cup Flower. Without exception this will outbloom any other flower if properly grown. Fine for pot-culture when started in early January, or for bedding plants if started in February.

Purple Robe. Pkt. 25c; 1/128 oz. 70c; ¼oz. \$1.35
All-America Winner. A fine deep violet-purple resembling Hippomanica but the color does not fade even in hot summer. The 6-inch plants, 10 inches across, bloom very freely beginning 15 weeks from seed including the 3-week germinating period. Much admired as edging or rock-garden plants.

NIGELLA

Love-in-a-Mist. A fine annual for bedding and borders, but particularly as a cut-flower. It blooms from May to September and the seed may be sown outdoors in April.

Miss Jekyll. Pkt. 15c; ¼oz. 45c
Bushy plants, 1½ feet high, with slender, mist-like foliage and clear cornflower-blue flowers on long stems.

PANSY • For Plants see page 11

These are strictly biennials, but as they flower easily the first season from seed they are often started indoors in February or March to bloom outdoors from July on. Most plants are grown from seed sown in frames during July and August, transplanted later and wintered over with protection, to give full-flowering plants by the following May. If Pansy seed is sown in the garden bed in May, some beautiful flowers are produced on the plants by fall of the same year. They like a rich, loamy soil and full sun.

Engelmann's Giant. (Originator's Seed) Pkt. 50c; ½oz. \$1.45; ¼oz. \$2.70; 1/4oz. \$5
This strain is very vigorous growing, compact, and early flowering. It produces very huge, well-formed flowers in a great variety of shades, both dark and light, all of the blotched type.

Forbes Big Beauties. Pkt. 35c; ½oz. 95c; ¼oz. \$1.80; 1/4oz. \$3.25
These are enormous flowers, often 4 inches across, with perfectly round, overlapping petals, on strong stalks, above stocky, compact plants of great vigor. The wonderful array of colors includes bronze, silver, gold and copper—wine-red, pink, salmon, silver-gray, brown, Indian red, steel blue, dark blue, and a good percentage of rich yellow. The blooms are beautifully blotched, mottled and bordered.

Super Swiss Giants, Mixed Pkt. 35c; ½oz. \$1.10; ¼oz. \$1.95; 1/4oz. \$3.75
This is a magnificent blend and far surpasses in quality and range of color any other Swiss Giant mixture. The plants are more compact and most of the flowers are beautifully frilled. They are of perfect form, with thick, velvety, rounded petals in a color-range beyond belief, many 5-blotched.



Pansy,
Super Swiss
Giants

Nierembergia,
Purple Robe



Nigella,
Miss Jekyll



Nicotiana,
Daylight
Sensation,
Mixed

ANNUALS FOR HOT DRY SOILS

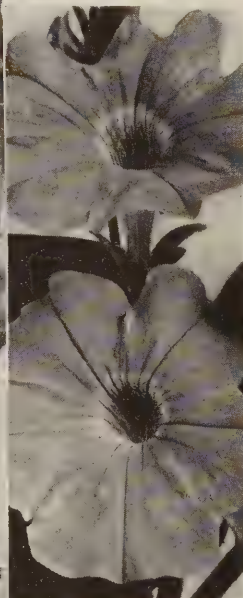
Amaranthus
Calliopsis
Centaurea cyanus
Dimorphotheca
Euphorbia
Helianthus

Kochia
Larkspur
Marvel of Peru
Morning-Glory
Nasturtium
Phlox drummondii

Portulaca
Salvia (red)
Star of Texas
Statice sinuata
Tahoka Daisy
Zinnia



← Petunia, Fire Chief



Petunia, Rosy Morn



← Petunia, Velvet Ball

New Dwarf Petunia, Little Giants, Mixed



PETUNIA For Plants see pages 8 and 9

For a gorgeous display of color from early summer to frost, there is nothing to compare with the Petunia. Thriving in most soils and under varied conditions, it gives more genuine satisfaction and pleasure than any other flower. Petunias are ideal for many purposes—as bedding plants for edging; for color accents in the mixed border; for the rock-garden, window-boxes, and for pot culture. The many classes or types of this versatile flower have been improved to a high degree, and today there is no lack of ideal varieties to suit each requirement. In January or February sow the seed of pot-plant varieties indoors to have flowering plants ready for spring. For well-grown spring bedding plants start the seed indoors in February or March. Don't over-cover the seed, and 60 to 70-degree temperature gives the best germination. Transplant the seedlings to flats of fairly stiff soil and grow cool, on the dry side, and close to the glass. This avoids soft, overgrown plants. The Balcony and Bedding varieties may also be sown in May direct to the garden bed and thinned out to stand 10 to 12 inches apart.

BALCONY

This type has long, sprawling plants over 18 inches high, with single flowers 3 inches across. They are excellent for window-boxes and where outdoor summer conditions are most trying.

Balcony Blue.

Pkt. 20c; 1/2 oz. 70c; 1/4 oz. \$2.10

This is the most popular color of all Balcony Petunias, and produces large, attractive flowers of velvety violet-blue.

Balcony Formula, Mixed.

Pkt. 20c; 1/2 oz. 65c; 1/4 oz. \$1.95

This is a specially proportioned mixture which we make from the separate colors. It contains one part Black Prince, five parts Blue, two parts Cornflower Blue, two parts Crimson, four parts Rose and two parts White.

SINGLE DWARF BEDDING

These, the most popular of all for bedding, are also known as the *Hybrida nana compacta* class. The plants are dwarf and compact, from 9 to 13 inches high, and covered with a multitude of flowers.

NEW COMANCHE PETUNIA—All-America Winner for 1953

The reddest of all this has vivid scarlet-red flowers which hold their color even on aging. Larger than Fire Chief, very uniform and borne profusely on erect 13-inch plants. Pkt. 50c; 3 for \$1.25.

Blue Mound.

Pkt. 20c; 1/2 oz. 60c; 1/4 oz. \$1.10

The bright mid-blue 2 1/2-inch flowers are borne in great profusion on dense compact mounds, 10 to 12 inches high and 18 inches across.

Celestial Rose, Improved.

Pkt. 20c; 1/2 oz. 80c; 1/4 oz. \$2.40

This is a select strain with rich, satiny deep rose flowers on free-flowering, uniformly dwarf plants.

Elk's Star.

Pkt. 25c; 1/2 oz. 75c; 1/4 oz. \$1.35

Dwarf, compact plants, heavily covered with deep blue-purple flowers with contrasting white stars.

Fire Chief.

Pkt. 25c; 1/4 oz. 80c

All-America Winner. A real red Petunia with dwarf, erect 12-inch plants which bear a profusion of 2 1/2-inch flowers of spectrum red with a scarlet-red glow all season long.

Rosy Morn, Dwarf Improved.

Pkt. 20c; 1/2 oz. 70c; 1/4 oz. \$2.10

Bright rosy pink flowers with white throat. The plants are dwarf and compact and very uniform.

Silver Medal.

Pkt. 50c; 3 for \$1.25

All-America Winner. Compact, bushy plants, 12 inches high and 18 inches across which carry many single, 3-inch flowers opening salmon-cerise with an orange sheen and ageing pure salmon.

Velvet Ball.

Pkt. 35c; 1/128 oz. 65c; 1/4 oz. \$1.10; 1/2 oz. \$1.85

All-America Winner. Dwarf, compact plants covered with velvety deep blood-red 2 1/2-inch flowers.

Viola.

Pkt. 20c; 1/2 oz. 70c; 1/4 oz. \$2.10

A deservedly popular variety with deep violet blooms on dwarf, uniform plants. Comes very true to color.

Single Compact Bedding, Dwarf Mixed.

Pkt. 20c; 1/2 oz. 65c; 1/4 oz. \$1.70

An excellent mixture with a very well-balanced color-range. Splendid for large beds.

LITTLE GIANTS MIXED.

Pkt. 50c; 1/128 oz. 95c; 1/4 oz. \$1.85

Here is a fine new type of Petunia for dwarf beds. The flowers are ruffled and waved with deep throats like those of the Dwarf California Giants but they are of much smaller size, averaging two inches across. They are very freely produced on low growing, uniform, compact plants only 8 to 10 inches high all through the summer months right up to frost. The colors range from deep crimson to white.

PETUNIA, LARGE SINGLE PLAIN-EDGED • For Plants see pages 8 and 9

Also called Grandifloras, these produce large, plain-edged flowers, 3 to 4 inches across, and some are waved. The plants are a little taller than the Single Dwarf Bedding but the flowers are larger.

Dwarf Elk's Pride.

Pkt. 30c; 1/256 oz. 95c; 1/128 oz. \$1.75

The plants are dwarf with large flowers of a rich violet-blue. They come very true to color.

Snowstorm.

Pkt. 30c; 1/256 oz. 65c; 1/128 oz. \$1.20; 1/64oz. \$2.10

Pure white ruffled 3-inch flowers, with yellow throat shadings on dwarf, compact plants.

DWARF CALIFORNIA GIANTS, RAMONA STRAIN

A superb strain of single Petunias unexcelled for dwarf bedding. The beautifully ruffled and fringed flowers, often over 5 inches across, with open, well-marked throats, are produced freely.

Light and Dark Shades Mixed.

Pkt. 50c; 1/128 oz. \$1.35; 1/64oz. \$2.20

DWARF SINGLE FRINGED

These make beautiful massed beds and, because the flowers are nicely fringed, are ideal as features in the mixed border.

Ballerina.

Pkt. 50c; 3 pkts. \$1.25

All-America, 1952. A new F₁ hybrid with single fringed, deep salmon-pink, 3½ to 4-inch flowers freely produced on compact, 10-inch plants excellent for dwarf beds. Astoundingly uniform and true to color.

Carmencita.

Pkt. 50c; 3 pkts. \$1.25

Beautifully fringed, deep scarlet-salmon, medium sized flowers on dwarf compact 8-inch plants which are extra fine for neat edgings and rock gardens. Because of the dwarf habit they are excellent for growing in pots.

La Paloma.

Pkt. 50c; 3 pkts. \$1.25

This is an unusually nice pure white with a yellow throat with medium-sized, single fringed flowers. The 12-inch plants are very dwarf and compact. Excellent for dwarf beds and unexcelled for pot culture.

DOUBLE GIANT FRINGED.

Double Petunia seed is costly to produce and not as easily grown as the single varieties. It is always best to sow the seed indoors in flats so that conditions necessary for success can be carefully controlled. A February sowing will provide fine plants for outdoor bedding in May.

All Double America.

Pkt. 50c; 3 pkts. \$1.25

All-America Winner. A fine early-flowering strain with rose-pink double fringed flowers, 2 inches and more across, on plants 12 inches high and 18 inches across. Ideal for borders.

All Double Dwarf Glorious Mixed.

Pkt. \$1.50; 3 pkts. \$4

This is the very finest double fringed strain available, producing 100 per cent of double Petunias. The huge, giant fringed double flowers are often 5 inches across and exquisitely ruffled and fringed. They come in a wonderful array of brilliant and fancy colorings on 10 to 12-inch superb bedding plants.

PHLOX DRUMMONDI

This is one of the most brilliant and most satisfactory of all annuals, thriving in full sun and blooming through summer to frost. If sown in the open ground in May you will have a riot of color in July. Avoid overwatering, as this increases the plant height, especially if the plants stand too close together.

Gigantea Art Shades.

Pkt. 20c; 1/60oz. 45c; 1/4oz. \$1.35

All-America Winner. A wonderful new annual strain with 9-inch plants literally covered with enormous flower-heads with florets 1¼ inches across. These come in soft pastel shades in a most beautiful color mixture.

Globe Mixed.

Pkt. 25c; 1/60oz. \$1.45

A new spectacular strain from Japan forming compact, globe-shaped mounds 6 to 8 inches high and 8 to 10 inches across which become covered with flowers. The colors include dark red, rose, lavender-pink and others, also white.

Large-flowering Very Dwarf, Mixed.

Pkt. 20c; 1/60oz. 55c; 1/4oz. \$1.70

This strain has blooms of large size, but the plants grow only 6 inches high and are much better for dwarf beds.

POPPY

These are greatly admired for their grace, delicacy and their brilliant colors. Sow the seed outdoors in the fall or at intervals in April and May, to provide a succession of flowers. Thin the plants to stand about 1 foot apart. Poppies dislike transplanting, and prefer a sandy loam.

Double Shirley Hybrids, Mixed.

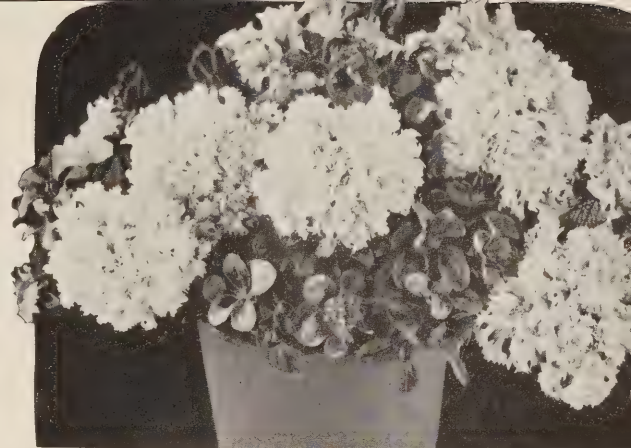
Pkt. 10c; 1/4oz. 25c; oz. 65c

Double and semi-double blooms in an almost endless variety of attractive colors. Many of the flowers are beautifully shaded with a second tint which adds to their charm. Strong plants grow to a height of 2 feet.

Single Shirley Improved, Mixed.

Pkt. 10c; 1/60oz. 35c; oz. 60c

Large silky-petalled flowers in rose, salmon, apricot, pink, crimson and red, etc., many of the flowers beautifully flaked and edged with white; on 2-foot plants with finely cut foliage.



Petunia, Giant Fringed, All Double Dwarf Glorious



Poppy, Single Shirley Improved, Mixed



Petunia, Snowstorm



Petunia,
Dwarf California
Giants



Salpiglossis, Candelabra



Scabiosa,
Giant Imperial Hybrids

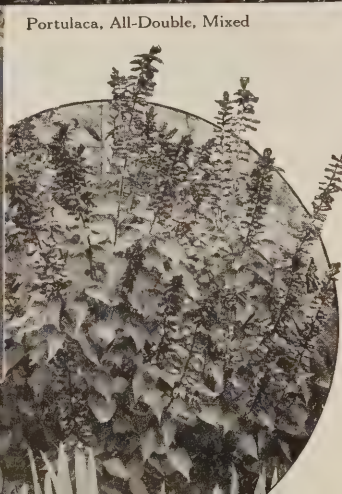


Portulaca, All-Double, Mixed



Salvia farinacea,
Blue Bedder

Salvia, Bonfire



PORTULACA • For Plants see page 8

Moss Rose. Sun Plant. This, unrivalled for brilliancy, forms a dense, thick carpet 6 inches high. It must have a sunny location and prefers light, sandy soil. Sow the seed in the garden in late May or early June after hot weather sets in, and thin out to 6 inches apart. Effective for rock-gardens.

All-Double, XXX Mixed.

This is a great specialty with us for its high percentage of double flowers. The lowest we have ever found, by actual count, is 85% double. The flowers are very full-petalled, of large size, and produced in great numbers above the attractive, deep green, dwarf foliage. The mixture includes many colors.

Single, Mixed.

Glossy cup-shaped single flowers, 1 inch across, in profusion on dwarf, light green needle-leaved foliage. A wonderful array of bright, attractive colorings. This is splendid for covering large unsightly sand or soil banks.

Pkt. 20c; 1/4oz. 60c; 1/2oz. \$1.80

Pkt. 15c; 1/4oz. 35c; 1/2oz. 80c

RICINUS

Castor Oil Bean. Showy foliage plant which if planted thickly makes a screen; as a specimen it forms pyramids of gigantic leaves. Sow outdoors in May in rich soil and give plenty of water.

Zanzibarensis, Mixed.

Very tall, stately plants, 12 to 14 feet high, with enormous lobed leaves varying from light green to purplish red.

Pkt. 10c; oz. 25c; 1/4lb. 75c

SALPIGLOSSIS • For Plants see page 8

Painted Tongue. An attractive flower which likes a light, rich, sandy loam. Sow seed outdoors in April or May where the plants are to remain, and thin to stand at least a foot apart.

Candelabra, Mixed.

These branching, showy, 2 1/2-foot plants bear beautiful, funnel-shaped flowers with dark veins, on a ground which varies from white to crimson, yellow, orange, blue and orchid. They are splendid for cutting.

Pkt. 15c; 1/4oz. 55c

SALVIA • For Plants see page 8

Sage. With the early-flowering varieties you can have vivid beds from July to frost. For well-grown spring bedding plants start the seed in February or March, giving bottom heat to help germination, and water sparingly. The seed, particularly of earlier varieties, can be sown outdoors in May.

Bonfire.

Clara Bedman. This is a full-flowered variety with very compact oval bushes and long spikes of brilliant scarlet flowers. It makes a gorgeous massed bed, as the plants grow very evenly. Height 2 feet.

Pkt. 20c; 1/4oz. 95c; 1/2oz. \$1.80

Farinacea, Blue Bedder.

A sturdy, compact plant, 2 1/2 to 3 feet high, with long graceful stems of deep lavender-blue flowers. Is useful for cutting and very striking in mass plantings. When grown as a background for pink Petunias it is very effective.

Pkt. 20c; 1/4oz. 60c; 1/2oz. \$1.80

St. Johns Fire.

Earliest, dwarfest brilliant red Salvia, 12 inches high. Continuous bloomer, unexcelled for dwarf borders or pots.

Pkt. 30c; 1/4oz. \$1.20; 1/2oz. \$2.10

SCABIOSA • For Plants see page 8

Pincushion Flower. A very popular annual, blooming from early summer until frost, in a wide range of beautiful colors. Sow outdoors in April or May where the plants are to bloom, thinning to stand at least 15 inches apart. For earlier flowers start the seed indoors in March. Water very sparingly and transplant to the garden in May. For hardy varieties see Perennial List.

Giant Imperial, Blue Moon.

All-America Winner. A distinct new type with very large flower heads over 2 1/2 inches across, of deep lavender-blue, formed entirely of broad, heavy, wavy petals, without the usual pincushion center. Very upright, 3 1/2-foot plants.

Pkt. 15c; 1/4oz. 80c

Giant Imperial Hybrids, Mixed.

This is the very finest annual Scabiosa strain available with vigorous, free-flowering 3-foot plants producing a great many ball-shaped flowers of giant size and particularly beautiful shades of color.

Pkt. 15c; 1/4oz. 45c; 1/2oz. 80c

ANNUALS FOR HALF-SHADED LOCATIONS

Ageratum
Alyssum
Anchusa
Aster
Calendula
Canterbury Bells
Centaurea

Clarkia
Cleome
Cynoglossum
Didiscus
Eschscholtzia
Larkspur
Lupinus

Mignonette
Nicotiana
Phlox drummondii
Salpiglossis
Snapdragons
Stocks
Torenia

SNAPDRAGON • For Plants see page 8

Antirrhinum. These are among the aristocrats of the garden and are useful in unlimited degree, being fine for both bedding and cutting purposes. The stately, graceful flower spikes, many to each plant, come in the most pleasing shades and in three height classes. In good soil they flower continually from July to frost and should be cut promptly when faded. Sow the seed outdoors in May, thinning plants to allow ample room for development, but it is better to start the seed indoors in February or March, sowing the seed thinly in flats of soil topped with a thin layer of sand or finely sifted coal ash. Keep moderately moist in a fairly warm place until growth appears. After that give air and light, but not direct sunlight. Water carefully, keeping moist but not wet. To prevent damping off use Semesan. Set plants in the border in May, the tall varieties at least 1 foot apart and the dwarfs 9 inches

RUST-RESISTANT STRAINS

The development of these new rust-resistant Snapdragons is one of the greatest recent accomplishments. It is now possible to grow perfect Snaps where you previously failed due to rust infection. Rust-resistant seed germinates better, the plants are more vigorous, the foliage clean and the flowering season prolonged.

Rustproof Super Giants.

These are the finest of the tall strains. The plants, each bearing many spikes closely set with giant blooms of perfect form, grow to a height of about 3 feet. They are superb for outdoor borders and very popular for cut-flowers.

Each, pkt. 20c; $\frac{1}{4}$ oz. 45c; $\frac{1}{2}$ oz. 80c
Alaska, white; **Canary Bird**, canary-yellow; **Copper King**, bronzy copper;
Crimson, dark foliage; **Pink Sensation**, pink.

Rustproof Super Giants, Mixed.

This is a splendid mixture of the above and additional colors, and is very well balanced. The flowers are of enormous size and well placed in magnificent spikes. The plants are robust and free-flowering.

Rustproof Half-Dwarf Mixed.

The plants grow about 18 inches high and produce large flowers on stems long enough for cutting. The bushy plants bloom continuously through summer and fall, and are superb for garden display.

REGULAR STRAINS

These are not rustproof and are useful where there has been no difficulty with rust in growing Snapdragons.

Miniature, Magic Carpet Mixed.

The finest of all very dwarf Snapdragons, these are unexcelled for carpet plantings and for rock-gardens. They grow only 6 inches high and come in a variety of attractive colors.

Giant Ruffled "Tetra Snaps," Mixed.

This is a new race created by treating normal flowers with Colchicine causing a fundamental change in the cell formation converting diploids into tetraploids. This gives larger, fuller, ruffled flower spikes, heavier stems and sturdier $2\frac{1}{2}$ -foot plants.

STAR OF TEXAS

An easily grown annual. The single daisy flowers, $1\frac{1}{2}$ inches across, have long-pointed, light canary-yellow petals with paler centers. The thin strong stems are not long but good for cutting. The very vigorous, branching plants, 18 inches high and often 18 inches across, bloom freely and are quite hardy. Sow in open ground in early spring in dry sunny location. Fine planted with Tahoka Daisy.

STATICE

Sea Lavender. Cloud-like masses of small flowers which make gay borders and are extremely useful for mixing through bouquets of cut-flowers. Their delicate coloring and light graceful habit adapt them for dried winter bouquets. Sow in the open ground in May, barely covering the seed, and have plants stand 1 foot or more apart in a sunny, well-drained location. Seed is of slow germination.

Sinuata Mixed.

Many-branched, 18-inch plants with attractive flowers in clusters at the end of each branch, in delicate colors.

STOCKS • For Plants see page 8

Gilliflower. This much-beloved flower comes in charming colors and has delightful fragrance. Seed strains are bred to produce the prized double flowers, but a number of singles will appear. Stocks are ideal for bedding and cut-flower borders where the summers are not too hot. They require a light, rich soil, but avoid fresh manure. In warm latitudes it is best to plant them in a shady location. For outside culture start the seed indoors in February and set the plants out, to stand 1 foot apart, in April to bloom in June. Be sure to provide shade after transplanting, until established.

Improved Giant Bismarck, Mixed.

Also called Early Giant Imperial, this is the best for outdoor culture. The $2\frac{1}{2}$ -foot plants have robust, pyramidal form, with long-stemmed, large spikes of double very early flowers. Yields a high percentage of doubles.

Stocks, Improved
 Giant Bismarck ➡



Snapdragon, Super Giant



Statice sinuata



Star of Texas ➡



Verbena,
Giant Hybrid



Ursinia anethoides Hybrids



Tithonia, Torch



Torenia Fournieri

SWEET PEAS

The range of beautiful color combinations, the sheer beauty of the flower form and the gracefulness of the stems and tendrils, make this one of the most popular annual flowers. Height 5 to 7 feet.

Giant Spencer Mixture.

Pkt. 10c; oz. 35c; ¼lb. 95c

The varieties in this mixture have been selected to afford unusual richness and brilliancy of color.

Early-flowering Mixture.

Pkt. 15c; ½oz. 40c; oz. 70c; ¼lb. \$2.10

This is the finest blend, giving a perfect balance of the various colorings.

Spring-flowering Mixture (Cuthbertson).

Pkt. 15c; ½oz. 40c; oz. 70c; ¼lb. \$2.10

It blooms between the Early-flowering and Giant Spencers and has much greater hot weather resistance. The large fragrant flowers have extra long stems and come in the clear popular colors.

TAHOKA DAISY

Pkt. 15c; ½oz. 60c; ¼oz. \$1

An unusually attractive lavender-blue, many-rayed daisy with deep yellow center and long slender petals, which are tinted with rose as they fade. The fern-leaved plants, 1½ feet high, carry the flowers on fine long stems for cutting. If seed is sown indoors in April, the plants set in the garden bed will flower late in June and continue in spite of summer heat until late fall. To get even, quick germination, chill the seed for 10 days before sowing.

THUNBERGIA

Black-eyed Susan. A rapid growing climber, splendid for screening and for hanging-baskets. For earliest flowers, sow indoors in February and set out in the garden in May.

Mixed.

Pkt. 10c; ¼oz. 40c; oz. \$1.35

Large, showy flowers in white, buff, orange and yellow with black centers, from midsummer to frost, on dense vines with ornamental foliage. Prefers a warm, sunny spot. Splendid for covering a bare bank of soil.

TITHONIA

Mexican Sunflower. Easily grown by sowing seed in May after soil is real warm. Likes hot weather.

Torch.

Pkt. 15c; ½oz. 65c

1951 All-America Winner. The disease-free, sturdy, 4½-foot plants are topped from August to frost with many orange-red, golden-centered flowers, 3 inches across resembling a large single Marigold.

TORENIA • For Plants see page 8

Wishbone Flower. Used for dwarf margins and window-boxes. Start the seed indoors in February and set the plants in the garden 8 inches apart when warm weather begins. Thrives in any soil, any location and likes heat.

Fournieri.

Pkt. 20c; ½oz. 55c; ¼oz. 80c

Bushy, 10-inch plants covered through summer and fall with a mass of sky-blue snapdragon-like flowers with three dark blue spots and a yellow throat. Excellent for rock-gardens.

URSINIA

Jewel of the Veldt. Too few gardens know this attractive, easily grown annual from South Africa. Seed may be sown direct in the border in May or for earlier flowers indoors in March and the plants set in the garden in May for bloom from June to September. It delights in a sunny, warm position.

Anethoides Hybrids.

Pkt. 15c; ½oz. 35c; ¼oz. 95c

Bushy plants, 1 foot high and 2 feet across, carry daisy-like blooms on wiry stems above the light feathery foliage. The 2-inch orange flowers, zoned from ruby to purple around the center bear jewel-like dots.

VERBENA • For Plants see page 8

Brilliant flowers from July until frost. Ideal for borders, for cutting, and rock-gardens. Outdoor sowings may be made in May, but for better results sow the seed indoors in February or March, giving bottom heat, and set out the plants 15 inches apart in late May. Soaking the seed in warm water over night hastens germination, and pinching back plants induces bushy growth.

Giant Hybrids, Mixed.

Pkt. 15c; ½oz. 40c; ¼oz. \$1.10

A marvelous mixture of all available colors in a well-proportioned balance. Ideal for bedding.

ANNUALS FOR WINDOW BOXES

Ageratum
Alyssum
Balsam, Dwarf
Candytuft
Heliotrope

Lobelia
Marigold, Dwarf
Mignonette
Nasturtium
Petunia

Phlox drummondii
Portulaca
Thunbergia
Torenia
Verbena

ZINNIAS • For Plants see page 2

The most popular annuals. They give a lavish display of color even in the hottest, driest summers, and no flower is of easier culture. The dwarfs make splendid, colorful edgings and the giants make brilliant display beds. They are excellent for cutting. All like warm rich soil and a sunny location. Sow the seed outdoors after warm weather, and thin the plants out to allow room. For bedding start seed in March indoors, giving bottom heat to get good germination.

Persian Carpet Mixed.

Pkt. 25c; $\frac{1}{4}$ oz. 65c; $\frac{1}{4}$ oz. \$1.20

All-America, 1952. Variegated flowers the size of a silver dollar, like tiny dahlias, each with its pointed petals tipped with a contrasting color. These appear early on 18-inch plants.

Peppermint Stick Mixed.

Pkt. 20c; $\frac{1}{4}$ oz. 80c

Most of the medium-sized, double flowers have striped petals in red and white, red and yellow, yellow and white, and orange and yellow on 2-foot bushy plants from early right up to frost.

Burpee Hybrids.

Pkt. 20c; $\frac{1}{4}$ oz. 95c

Quilled, curled and frilled petals make these 6-inch flowers shaggy and attractively informal. Ht. 3 ft.

Super Giants Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 55c; $\frac{1}{4}$ oz. 80c; oz. \$2.40

The strong 3-foot plants bear flowers $5\frac{1}{2}$ to $6\frac{1}{2}$ inches across in a great diversity of color and form, some Dahlia-flowered, others Giants of California and still others are Chrysanthemum-like.

Chrysanthemum-flowered, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 40c; $\frac{1}{4}$ oz. 65c; oz. \$1.95

With curled, quilled petals, the huge long-stemmed flowers, often 6 inches across and 4 inches deep, come in pastel colors—apricot, cream, chamois, buff, salmon-pink, peach, burnt orange, rose, terra-cotta. Height 3 feet.

Early Wonder, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 55c; $\frac{1}{4}$ oz. 85c

This is the earliest of all with 3 to 4-inch gaily colored flowers on non-branching, long stems fine for cutting on 2-foot base branching plants in about 6 weeks from the time the seed is sown.

Gold Medal Giant Dahlia-flowered.

Each, pkt. 15c; $\frac{1}{4}$ oz. 65c; oz. \$1.95

Huge 5-inch flowers, with the center petals tending to incurve, giving a deep, full effect. The strong vigorous plants, $2\frac{1}{2}$ to 3 feet high, are free-flowering, particularly if pinched back when young to encourage branching.

Canary Bird. Clear canary-yellow of great brilliance.

Meteor. Deep red, the darkest of all the reds.

Dream. Fine deep rosy lavender, very attractive.

Oriole. Deep vibrant orange with almost bronze center.

Eldorado. Delightful pastel shades of salmon-apricot.

Polar Bear. Very large flowers of creamy white.

Exquisite. Pale rose, increasing to deep rose at center.

Royal Purple. Deep purple flowers of perfect form.

Illumination. Deep rose-pink. Remarkably fine.

Will Rogers. Very striking bright, deep scarlet.

Gold Medal Giant Dahlia-flowered, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 60c; oz. \$1.80

This is a remarkably well-balanced blend made up with proportions of each of the above varieties.

California Giants, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 60c; oz. \$1.80

The plants grow over 3 feet high, throwing strong lateral branches from which the best flowers come. These reach 4 to 5 inches across, but with the petals laid back one over the other, giving a flattened appearance.

Dwarf Double Mixed. (*Elegans pumila*)

Pkt. 10c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

Bushy, 18-inch plants with an abundance of fully double flowers, averaging 2 inches across, held above the foliage.

Fantasy, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 40c; $\frac{1}{4}$ oz. 65c; oz. \$1.95

All-America Winner. This has nicely rounded, shaggy flowers of medium size, like Chrysanthemums. The graceful, ray-like petals are curled and interlaced. Fine for cutting, as the 2 to $2\frac{1}{2}$ -foot plants produce good stems.

Lilliput.

Each, pkt. 15c; $\frac{1}{4}$ oz. 55c; oz. \$1.65

Miniature, double flowers, deeply globe-shaped, in a wide range of colors. The 15 to 18-inch compact plants are excellent for bedding and produce long-stemmed flowers.

Lilliput, Pastel Mixture.

Pkt. 15c; $\frac{1}{4}$ oz. 55c; oz. \$1.65

Unusually fine for cutting. The 12 to 15-inch plants are neat, compact, very free-flowering, and start to bloom in 45 days from seed. The flowers come in apricot, peach, creamy yellow, shell-pink, salmon, light rose, and orchid.

Lilliput, Tom Thumb, Mixed.

Pkt. 15c; $\frac{1}{4}$ oz. 40c; $\frac{1}{4}$ oz. 70c; oz. \$2

A very excellent dwarf, compact strain suitable for pot culture, borders and rock-gardens. The plants, 4 to 6 inches high, are covered with tiny Lilliput flowers in red, orange, yellow, pink, rose and pastel shades.

Mexican Double Mixed Haageana.

Pkt. 10c; $\frac{1}{4}$ oz. 45c; $\frac{1}{4}$ oz. 75c

Compact 10-inch plants bearing single and double flowers, $1\frac{1}{2}$ inches across, in charming color combinations.

Red Riding Hood.

Pkt. 15c; $\frac{1}{4}$ oz. 60c; oz. \$1.80

Miniature bright crimson double flowers, about half the size of Lilliputs, on dwarf, compact plants 1 to 2 feet high.

ANNUALS FOR EDGINGS

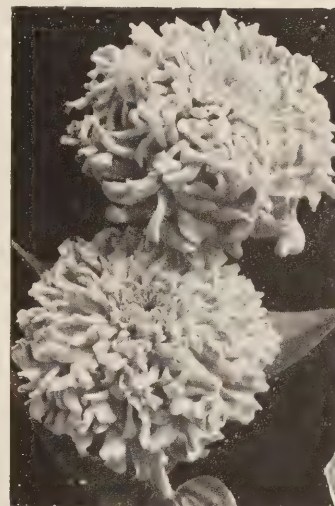
Ageratum
Alyssum
Calliopsis, Goblin
Celosia, Dwarf Cristata
Centauria, Dwarf
Lobelia

Marigold, Extra Dwarf
Nasturtium
Nierembergia
Pansy
Petunia, Dwarf
Phlox drum., Very Dwarf

Portulaca
Snapdragon, Miniature
Torenia
Ursinia
Verbena
Zinnia, Lill. Tom Thumb



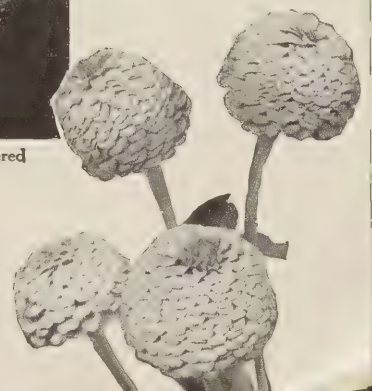
Zinnia, Gold Medal Giant Dahlia-flowered



Zinnia, Chrysanthemum-flowered



New All-America Winner for 1952
Zinnia, Persian Carpet Mixed



Zinnia, Lilliput



Model No. 425LS Television Chair

Porch chair height. Non-folding, but the chairs "nest" for easy compact storage. An ideal Television chair and wonderful for the garden or on the lawn or patio.

Seat 18½ x 15 in. Height 30½ in.—Weight 5¾ lbs.

Sun plaid or solid green heavy Saran **\$15.95**

Prices are subject to change without notice

ALUMINUM FURNITURE for LAWN — PORCH — PATIO

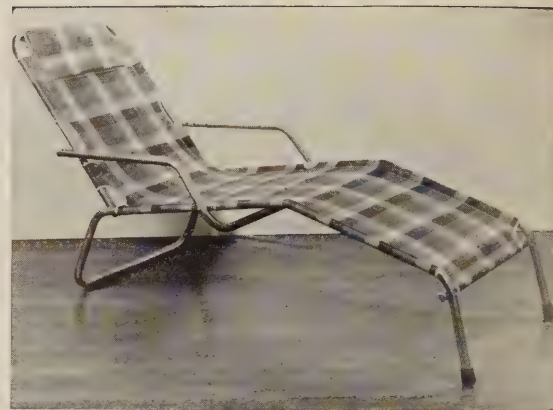
This superior quality furniture is of polished strong, heat-treated aluminum tubing and covered with waterproof plastic Saran.



Model No. 900LS. Folding Chair

Flat-folding, light weight, for bridge or outdoors in all weathers. Dries off quickly.

Folded 23 x 33½ x 3 in.—Wt. 4 lbs. Sun plaid, all green, green-white stripes. **\$10.95**



Model No. 800LS. Patio Lounge

Newly designed for maximum comfort, cover suspended so no part of metal frame touches body. Back adjustable to four positions. May be left out in all weathers.

Overall length when open, 72 inches Height 37 inches Weight 7¾ lbs. Sun plaid or solid green heavy Saran **\$24.95**

COVERS • Cannot rot or mildew—strong
• Extra covers with zippers are available
FRAMES • All rustless sturdy aluminum
• Lightweight—for indoors or outdoors

New Sun Cot. Ideal for garden, beach or extra bed. Sturdy frame of 1½ inch aluminum tubing, and covered with waterproof plastic Saran. The ends and legs fold back, as shown below, for easy carrying and storage. May be left out in all weathers. Dries quickly.

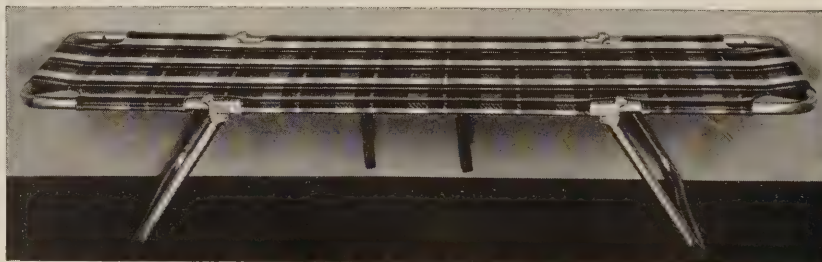
Sun plaid or solid green heavy Saran **\$29.95**



Model No. 125LS Sleepy Hollow Chair

Improved full-folding, four adjustable positions. Kapok headrest. Very light—sun and rain proof.

Folded 24 x 46 x 5 in.—Wt. 6¼ lbs. Sun plaid or solid green heavy Saran **\$15.95**



Model No. 1100LS Sun Cot. Length 75 in., width 27 in., height 16 in. Folded 27 x 39 x 4½. Wt. 11¾ lbs.



FORBES VEGETABLE SEEDS

*A selection of strains, some old and some new,
but all are today's best*

With uncertain world conditions you'll be wise to grow your own vegetables this year. It's interesting and healthful, too, not to speak of the supply of nourishing food at little cost. But it's not all fun. To succeed use good soil in the sun, plan well, and carefully select your varieties. Keep your crops free from weeds and well cultivated. But most important of all, plant the best seeds, for good vegetables do not grow from poor seeds.

Since 1898 Forbes Seeds have been used in huge quantities by the farmers who grow the vegetables you buy at your vegetable store. Use these same Forbes Seeds in your *own* garden.

ASPARAGUS *One ounce will produce 300 plants (For Roots see page 8)* Pkt. 15c; oz. 40c

For heavy yields in May and June each year keep the soil fertile. Don't cut stalks until the third year.

Mary Washington Rustproof. Large, vigorous, straight, dark green shoots tinged with purple, of extra fine quality. Immune to asparagus rust. Grow roots in close rows, and transplant the next year to the prepared bed.

BEANS

Dust or spray the underside of leaves each week with rotenone before the bean beetles get started.

DWARF GREEN-PODDED BEANS *One pound sows 100 ft.* All, pkt. 15c; ½ lb. 40c; lb. 70c; 5 lbs. \$3
Limited plantings every 10 to 14 days from May to August will provide fresh beans all season.

Black Valentine Asgrow Stringless. (50 days.) Medium-sized plants with numerous nearly straight, 6-inch, green pods of rounded cross section. These are entirely stringless and tender. Does best in a rather heavy soil.

Bountiful. (48 days.) The heaviest yielding flat-podded variety with sturdy bushes and light green, somewhat curved, 6½-inch stringless pods, in clusters which are easy to pick. Thrives in any garden soil.

Contender. (54 days.) The vigorous, very prolific plants are resistant to mosaic and powdery mildew and yield 7-inch, dark green, smooth, slightly curved, stringless pods of oval cross section. Extra-fine for freezing when young.

Longreen (Tendergreen Long Pod). (52 days.) Strong, prolific bushes with round, straight, deep green, 7-inch pods of extra fine quality and absolutely stringless. It has replaced Tendergreen as Longreen pods are one inch longer.

DWARF WAX-PODDED BEANS *One pound sows 100 ft.* All, pkt. 15c; ½ lb. 40c; lb. 70c; 5 lbs. \$3

Cultivate beans only when the plants are dry. For best quality pick before they reach full size.

Cherokee Wax. (50 days.) A golden yellow counterpart of Asgrow Stringless Black Valentine with heavy yields of straight, 6½-inch oval, golden pods, meaty and of good quality. The vines are vigorous and productive.

Sure Crop Wax. (53 days.) Straight, flat, deep yellow, 6½-inch pods, brittle and stringless, in great numbers on large, vigorous bushes. These beans are highly rust-resistant and of extra fine quality and flavor.

GREEN POLE BEANS *One pound will plant 100 hills* Pkt. 15c; ½ lb. 40c; lb. 70c; 5 lbs. \$3

For hills, set rough 7-foot poles every 2 or 3 feet and plant 6 beans around each, thinning to 3 plants.

Kentucky Wonder. (65 days.) The round, light green, deeply creased pods, 7 to 9 inches long are stringless when young and of high quality. The vines are very vigorous and produce heavily throughout the season.

BUSH LIMA BEANS *One pound will plant 100 ft.* Each, pkt. 15c; ½ lb. 45c; lb. 80c; 5 lbs. \$3.50

Plant 2 or 3 seeds, with eye down, every 10 inches in the row and later thin to one plant.

Baby Fordhook. (66 days.) Erect, branching, vigorous, 18-inch plants with a large yield of 2½-inch pods each holding 3 or 4 small plump green limas of fine flavor and quality. Excellent for both canning and freezing.

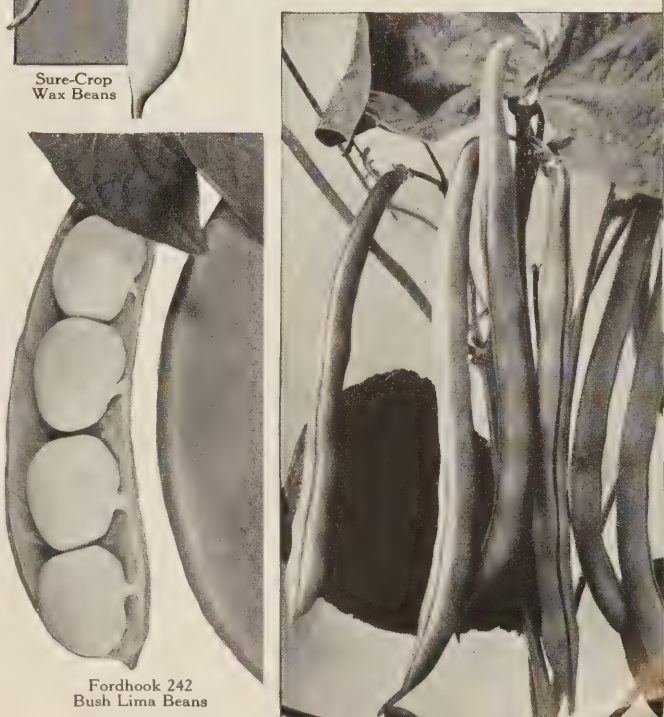
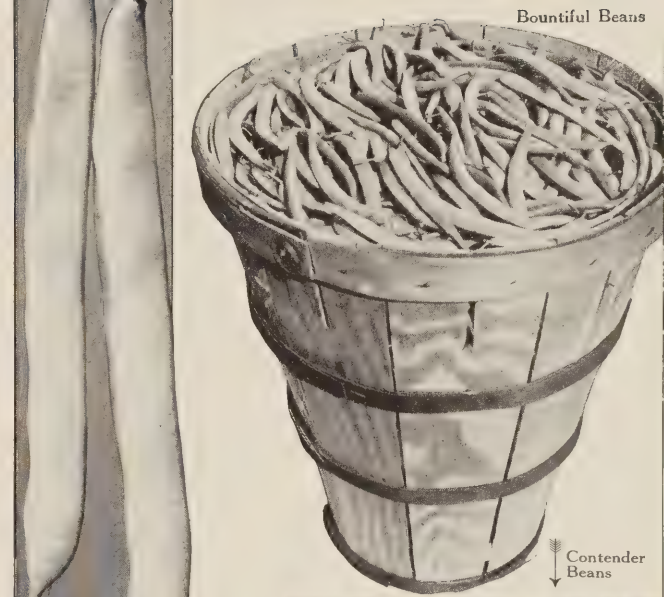
Fordhook 242. (75 days.) Somewhat spreading well foliated plants with a heavy yield of 3½ to 4-inch, uniform, slightly curved pods, each holding 3 to 4 light green beans of excellent quality. Sets well even in hot weather.

POLE LIMA BEANS *One pound will plant 100 hills* Each, pkt. 15c; ½ lb. 45c; lb. 80c; 5 lbs. \$3.50

These yield more limas than the bush varieties in the same space but are later in maturing.

Challenger. (92 days.) Vigorous, productive vines that climb well. The straight, smooth, 4 to 5-inch pods, in great number, contain 4 to 6 large, thick beans of light green color. They are of good flavor and quality.

King of the Garden. (88 days.) The extra large pods, produced in great abundance through the season, are broad, flat, smooth, 6 inches long and hold 4 to 5 large, flat, greenish white beans of excellent quality.





Early Wonder Beet



Super Golden
Acre Cabbage



Nantes XXX Carrot

Italian Green Sprouting
Calabresi Broccoli



BEETS *One ounce will sow 50 feet*

Sow April 1st and May 1st. For fall, and winter storage sow June and July. Use when 1½ inches across. **Detroit Dark Red.** (63 days.) Smooth, uniform, globe roots with small tap root. As the red-veined, green tops hold well in hot weather, use it for late summer and fall crop. Dark red flesh is sweet and tender. **Early Wonder.** (58 days.) The best for early planting with small tops and sn root slightly flattened-globe roots of great uniformity. The flesh is deep purplish-red, sweet and of excellent quality.

Each, pkt. 15c; oz. 40c; ¼lb. \$1

BROCCOLI *¼ ounce will produce 500 plants* For Plants see page 8 Pkt. 20c; ¼oz. 40c; oz. \$1.15

Seed started indoors in March and outdoors in early July gives a long cutting season up to killing frost. **Italian Green Sprouting Calabresi.** (60 days from plants.) After cutting the center head of tight, blue-green flower buds, the 2½-foot plants throw side branches with smaller heads. All are tender and of very delicate flavor.

BRUSSELS SPROUTS *¼ ounce will produce 60 plants* For Plants see page 8 Pkt. 25c; ¼oz. 95c

Cut lower leaf stalks off when sprouts start forming at their base. Frost greatly improves their flavor. **Catskill.** (80 days from plants.) The peer of all, this will produce best quality sprouts even under adverse conditions. The plants are very dwarf, uniform and compact with a heavy set of large, firm sprouts. They are easy to pick.

CABBAGE *¼ ounce yields 500 plants* For Plants see page 8 All but Bonanza, pkt. 15c; ¼oz. 40c

For cabbage at its best grow it in your garden. When fresh it is more tender and milder in flavor. **Golden Acre, Super.** (66 days from plants.) The firm, round 5-inch heads are very uniform. As the plants are compact space them a foot apart in row. This is the best of all the early varieties. **Bonanza.** (75 days from plants.) Uniform, round, very solid, green heads may be used when only 4 inches across. Extra fine. **Danish Roundhead, Short Stem.** (100 days from plants.) For kraut and winter storage, this is unexcelled. The flattened-globe shaped, hard, 7½-inch heads keep well. Space the plants 2 feet apart. **Perfection Drumhead Savoy.** (88 days from plants.) Medium, compact plants with crimped or savoyed, olive green leaves. The 8-inch heads are rounded and firm. The finest flavored of all cabbages. Space 18 inches apart. **Red Acre.** (74 days from plants.) The plants, sn all, compact, and short-stemmed, can be spaced 15 inches apart. The very hard, deep red, round, 7-inch heads are uniform in shape and color. This is the earliest red variety.

Pkt. 25c; ¼oz. 75c

CARDOON *¼ ounce will produce 100 plants* Pkt. 20c; ¼oz. 40c; oz. \$1.15

The blanched, fleshy leaf stalks are tender when cooked for winter use. Space plants 18 inches apart. **Spanish.** (5 months.) Sow in May; transplant to rows 3 feet apart. In fall blanch by tying up the gray-green leaves.

CARROTS *One ounce will sow 100 feet* All except Gold Spike, pkt. 15c; oz. 60c; ¼lb. \$1.50

If you do not have a sandy loam mix sharp sand through the soil, 8 inches deep, in your carrot rows. **Gold Spike.** (76 days.) Pkt. 15c; ¼oz. 35c
Smooth, handsome, uniform bright orange 9-inch roots that are longer, slimmer and better than Imperator. **Nantes XXX.** (66 days.) The finest quality of all. Small tops with 6-inch, smooth, cylindrical roots, 1¼ inches across and blunt ended. The bright orange flesh is unusually tender and sweet. Delicious when eaten raw. **Red-Cored Chantenay.** (70 days.) Deep red-orange, tapered roots, 6 inches long, 2¼ inches across at the top and stump-rooted. The flesh is fine grained and nicely flavored. Use this if your soil is not deep.

CAULIFLOWER *¼ ounce will produce 500 plants* For Plants see page 8 Pkt. 35c; ¼oz. \$1.50

Time this crop to head in cool weather. Set the plants either by April 15 or wait until late June. **"The Forbes".** (55 days from plants.) Big, broad, pure white, solid, rounded heads well protected by the leaves.

CELERIAC *One packet will produce 400 plants* Pkt. 15c; ¼oz. 40c; oz. \$1.25

"Knob Celery" forms large, globe roots. Cubed, boiled, with cream sauce; a real fall and winter treat. **Dwarf Moonarchie.** (110 days from plants.) Short tops, with fine grained, 3-inch rounded roots of nice nutty flavor.

CELERY *One packet will produce 400 plants* For Plants see page 8

Grows best in a sweet, moist, deep loam with lots of humus in it. Supply ample water during droughts. **Giant Pascal.** (140 days from plants.) Pkt. 15c; ¼oz. 40c; oz. \$1.15
Tall, late green celery for fall, and winter storage, with broad, thick, stringless stalks and large hearts. **Golden Plume, Taller Strain.** (85 days from plants.) Pkt. 20c; ¼oz. 75c; oz. \$2.25
The finest easily blanched, early yellow variety with sturdy plants, full hearts and crisp, tender stalks of fine flavor. **King Pascal.** (115 days from plants.) Pkt. 20c; ¼oz. 75c; oz. \$2.25
Crispest, best flavored of all. Deeply rounded, smooth, glossy stems; large heart. A green type; blanches readily.

CHINESE CABBAGE $\frac{1}{4}$ ounce will produce 500 plants

Pkt. 15c; $\frac{1}{4}$ oz. 25c; oz. 75c

To head in cool weather sow during July to stand a foot or more apart. Delicious when served as a salad.

Special Narrow Head. (70 days.) Solid, tapered cylindrical heads 15 to 18 inches tall and 4 to 5 inches across which, when cut are fully blanched, crisp, and of delicious flavor. Keep well in storage for over two months.

COLLARDS *One ounce will sow 200 feet*

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c

Cabbage flavored, green leaves valued for Vitamin C content. Grows well in heat and poor soils.

Georgia. (75 days.) Clusters of tender, cabbage leaves at the top of $2\frac{1}{2}$ to 3-foot stems. At its best after frost.

CORN, SWEET

Grow corn this year. Picked and served within an hour or two it's much superior to what you buy.

NEW HYBRID VARIETIES *One pound will plant 300 hills*

All, pkt. 20c; $\frac{1}{2}$ lb. 45c; lb. 80c; 5 lbs. \$3.50

Several hybrid varieties planted all at one time will provide fine sweet corn throughout the season.

Golden Rocket. (68 days.) This new variety is sweet and has such superior quality that it has taken the place of Spancross. The 8-inch, 10 to 14-rowed, bright yellow ears are produced on stalks $5\frac{1}{2}$ to 6 feet high.

Marcross C13.6. (71 days.) The 5-foot stalks produce 7-inch, 10 to 14-rowed golden yellow ears well filled to the tip. The eating quality is good. It is highly disease-resistant, over 85 per cent of the ears are perfect.

Carmelcross Improved. (74 days.) The deep yellow, 12 to 14-rowed, 8-inch ears come on stalks $5\frac{1}{2}$ feet high. The table quality is excellent and the flavor is sweet. This is very highly disease-resistant.

Golden Cross Bantam. (86 days.) The 8-inch, 10 to 14-rowed yellow ears are uniform and of the very highest eating quality and sweetness. The 6 to 6 $\frac{1}{2}$ -foot sturdy stalks have broad dark leaves. Highly resistant.

Narrow Grain Evergreen. (91 days.) This fine white hybrid has very high eating quality. The 8-inch ears are uniformly tapered, with 18 to 22 rows of quite narrow, deep, white kernels. The stalks grow 8 feet high.

MINIATURE SWEET CORN *Pkt. plants 50 feet of row*

Pkt. 40c; 3 pkts. for \$1

Make several plantings of this delicious midget corn at 10-day intervals in rows.

Golden Midget. (60 days.) The dwarf 3-foot plants bear tender, sweet ears just over 4 inches long, many with two or more ears to the stalk. Plant closely in rows anywhere in the garden as they do not shade other plants.

Luther Hill (59 days.) The dwarf plants, only $2\frac{1}{2}$ to 3 feet high, yield two or more 4 to 5-inch white ears of perfect form. They have an extremely high sugar content and delightful flavor. A real treat and fine for freezing.

CORN SALAD *One ounce will sow 35 feet*

Pkt. 15c; $\frac{1}{4}$ oz. 25c; oz. 55c; $\frac{1}{4}$ lb. \$1.50

Sow 6 inches apart in rows 2 feet apart in early spring or in September for wintering over.

Broad Leaf. (45 days.) Rosettes of tender leaves used in winter and early spring in mixed salads as it lacks piquancy.

CUCUMBERS *One ounce will plant 50 hills*

For Plants see page 8

All, pkt. 15c; oz. 45c; $\frac{1}{4}$ lb. \$1.25

Dust the plants from start to maturity with Bordeaux against disease and Rotenone against beetles.

Longfellow. (72 days.) Long, slender, dark green fruits which are perfect when 10 inches long and 2 inches across but mature 2 inches longer. They are very smooth and even and have nice dark green color.

Marketer. (65 days.) Very vigorous prolific vines with a heavy yield of uniform, 8 by $2\frac{1}{4}$ -inch fruits, slightly tapered at each end. The intense dark green color carries right down to the blossom end.

Producer Pickling. (54 days.) The vines are productive with a huge crop of uniformly shaped, dark green, white spined fruits 6 by $2\frac{1}{2}$ inches when full grown, and full ended. They hold the dark color well.

DANDELION $\frac{1}{4}$ ounce will sow 50 feet

Sow the Thick Leaf variety in August; winter it over for use in early spring as it is a hardy perennial.

Italian (*Cicoria catalogna*). (65 days.)

Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. \$1

After the main stalk is cut the plant produces numerous sprouts. These, cut at intervals, are used for greens.

Thick Leaf. (95 days.)

Pkt. 20c; $\frac{1}{4}$ oz. 65c; oz. \$2

Forms a compact, upright tuft of very thick, deep green leaves. These are quite easily blanched for use in salads.

EGGPLANT *One packet will produce 50 plants*

For Plants see page 8

Pkt. 20c; $\frac{1}{4}$ oz. 50c

Delay setting the plants out in the garden until late May. They thrive best in a light rich, warm soil.

Jet Black Beauty. (80 days from plants.) Sturdy, branching plants each with 4 to 6 black fruits, heavy at base.

ENDIVE *One ounce will sow 150 feet*

Each, pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1

When nearly full grown blanch by tying outer leaves over center or placing board flat along row.

Full Heart Batavian (*Escarolle*). (90 days.) Round, 12-inch plants; dark green, broad leaves with curled edges.

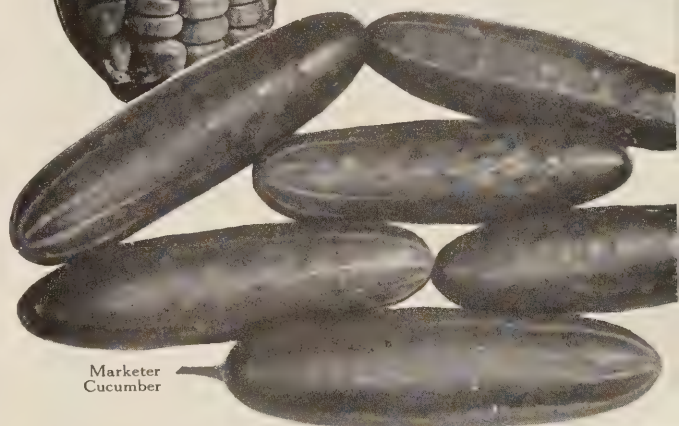
Mammoth Bordeaux Curled. (95 days.) Large 18-inch plants, with finely cut and curled leaves and green midribs.



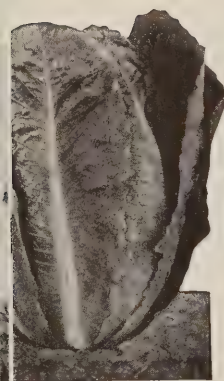
Golden
Midget
Sweet
Corn



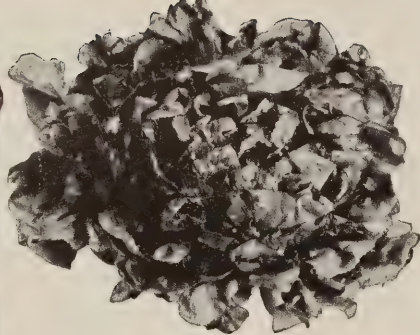
Narrow Head Chinese Cabbage



Marketer
Cucumber



Trianon Cos,
Romaine Lettuce



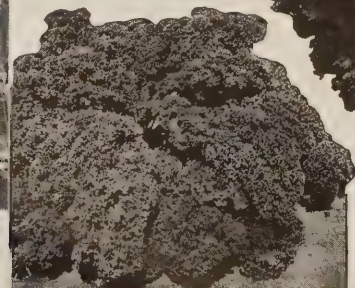
Full Heart, Batavian Endive. See page 57



White Boston
N. J. Special Lettuce



Great Lakes XXX Lettuce



Green Curled
Dwarf Scotch Kale

HERB PLANTS

We offer the following, all pot-grown. See page 9 and pages 13 to 20.

Asperula (Sweet Woodruff)
Basil, Sweet (Broad-leaved)
Chives, clumps in 5-inch pots
Lavender (Lavandula spica)
Lemon Geranium
Monarda (Bergamot)
Nepeta (Catnip)
Parsley, Double Curled
Peppermint and Spearmint
Rose Geranium
Rosemary
Sage (Salvia officinalis)
Santolina incana & viridis
Summer Savory
Sweet Marjoram
Tarragon, True French
Thyme (Thymus vulgaris)
Valeriana (Garden Heliotrope)

HERBS The last number in parenthesis () is the best spacing in inches between plants

These thrive best in a sunny location where the soil is well drained and not too rich.

- Anise.** Pkt. 20c; ¼oz. 50c
This 18-inch annual, in 75 days provides leaves for flavoring and garnishing and later, aromatic seeds. (6)
Basil, Sweet. (Broad-leaved) Pkt. 20c; ¼oz. 50c
A compact annual, 12 inches high with bright green, very broad, aromatic leaves for seasoning in 85 days. (10)
Borage. Pkt. 20c; ¼oz. 50c
In 80 days, the 18-inch annual plants have foliage useful for flavoring. The flowers attract bees. (12)
Caraway Pkt. 20c; ¼oz. 50c
A biennial, reaching 1½ to 2 feet in 70 days. Use the leaves for garnishing, salads; the seeds for flavoring. (6)
Coriander Pkt. 15c; ¼oz. 35c
An annual growing 2 to 2½ feet tall in 75 days. Use both leaves and seed for flavoring; seed for cordials. (15)
Dill, Mammoth Pkt. 15c; oz. 35c
This feathery-leaved, 2½-foot annual produces aromatic seed clusters used in Dill pickles in 75 days. (9)
Fennel, Florence (Finnocchio). Pkt. 15c; oz. 50c
Bulb-like base with numerous branching 2½-foot leaf-stalks and dense feathery aromatic foliage. (85 days.) (15)
Horehound Pkt. 20c; ¼oz. 50c
The leaves of this perennial, 1½ to 2½ feet tall in 75 days are useful for seasoning and in medicines. (12)
Lavender Pkt. 25c; ¼oz. 95c
A hardy perennial growing 2 to 2½ feet tall in 60 days. Both leaves and flowers are used for perfume. (18)
Rosemary Pkt. 25c; ¼oz. 95c
The leaves of this 3-foot tender perennial are used both for seasoning and for perfume. (9)
Sage, Broad Leaf Pkt. 25c; ¼oz. 60c
Upright, 15-inch hardy perennial with gray-green aromatic leaves of pungent flavor for seasoning. (75 days.) (18)
Savory, Summer Pkt. 20c; ¼oz. 50c
A very fragrant annual, 18 inches high with a piquant flavor to the leaves and tips. Matures in 60 days. (8)
Sweet Marjoram Pkt. 25c; ¼oz. 60c
A bushy, 2-foot tender perennial treated as an annual. The fragrant leaves are used for seasoning. (70 days.) (8)
Thyme, Broad Leaf Pkt. 25c; ¼oz. 65c
This 10-inch, hardy perennial has aromatic leaves which are popular for seasoning. Matures in 85 days. (8)
Wormwood. Pkt. 25c; ¼oz. 95c
This 2- to 3-foot perennial provides leaves used for cordials, flavoring, seasoning and medicines. (12)

KALE One ounce will sow 200 feet

Pkt. 15c; oz. 45c; ¼lb. \$1.25

For fall, winter and early spring greens sow the seed about June 15. Frost greatly improves the flavor.

Green Curled Dwarf Scotch. (60 days.) Very hardy, 15 inch plants, 30 inches across with finely curled leaf plumes,

KOHLRABI One ounce will sow 200 feet For Plants see page 8

Pkt. 15c; ¼oz. 35c; oz. 90c

If pulled when the bulbs are 2 inches or less in diameter, cubed and boiled this has a delightful flavor.

White Vienna, Short Leaf. (55 days.) Small plants with leaf stems growing out of round, pale green bulbs.

LEEK One ounce will sow 100 feet

Each, pkt. 15c; ¼oz. 35c; oz. 90c

Sow direct in, or transplant to trenches 6 inches deep; fill in as plants grow. This blanches the stem.

American Flag. (135 days.) The 8 to 10-inch stems, 1½ inches across, are sensitive to cold and used for late summer.

Elephant. (150 days.) This hardy, long keeper is best for fall and winter crop. Stems often 2½ inches thick.

LETTUCE • For Plants see page 8

Everyone should grow Lettuce, high in Vitamin A. Salads are good for you. Grows quickly in rich soil.

HEAD LETTUCE ¼ ounce will produce 500 plants

Start seed very early and set plants out, or thin to, 10 inches apart. They will head before hot weather.

Bibb. (57 days.) Pkt. 15c; ¼oz. 25c; oz. 75c
Early, small, butter-type, dark green, smooth-leaved heads with creamy yellow hearts. Very tender.

Great Lakes XXX. (83 days.) Pkt. 20c; ¼oz. 40c; oz. \$1.10
Medium-green, heavy ribbed leaves forming solid, crisp, "Iceberg" heads which resist hot weather better than any.

Romaine, Trianon Cos. (70 days.) Pkt. 15c; oz. 35c; ¼lb. 95c
Best started mid-July. Long, concave, broad-ribbed, crimped, light green leaves forming compact solid heads.

White Boston, N. J. Special. (76 days.) Pkt. 15c; oz. 35c; ¼lb. 95c
Smooth, plain edged, light green, tender leaves forming tightly folded "Butterhead" heads, with yellow hearts.

LOOSE-LEAF LETTUCE One ounce will sow 250 feet

Successive sowings give a continuous supply. Use every other plant, leaving room for the rest to grow.

Black-Seeded Simpson. (45 days.) Pkt. 15c; oz. 40c; ¼lb. \$1.15
Large, compact plants with broad, frilled, light green, curly, crisp leaves. After picking leaves, new leaves grow.

Grand Rapids. (42 days.) Pkt. 15c; oz. 35c; ¼lb. 95c
Large, compact, upright plants with light green leaves, having waved, frilled edges. Hardy, disease resistant.

Oak Leaf. (40 days.) Pkt. 15c; ¼oz. 30c; oz. 85c
Semi-heading, with medium green, small oak-like leaves. Stands heat very well. Always "buttery" and sweet.

MANGEL *One ounce will sow 50 feet*

Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c

Sow in May or June in deep soil in rows 2 feet apart and thin plants to stand 9 inches apart.

Mammoth Long Red. (110 days.) Red, 18-inch white-fleshed roots, 6 inches across growing half above ground.

MUSHROOMS

Grow yours at home with Magic Mushroom Trays

Enjoy fresh mushrooms direct from your own basement. They are inexpensive, easy to grow, are odorless and safe. Each Magic Mushroom Tray, 17 by 15 inches, is a complete mushroom bed, scientifically prepared and spawned with the best cream-colored variety.

Just place your trays in your basement, away from your heater, where the temperature is about 55 or 65 degrees Fahrenheit and water occasionally. You can pick mushrooms in about 30 days and for two to four months thereafter. Our Magic Mushroom Trays are complete with soil, all ready to start.



Trays delivered only within our delivery area \$2.10 each, 5 for \$10.00

Avoid starting Mushrooms in the warm summer months

MUSKMELONS *One ounce will plant 50 hills* For Plants see page 8

Thrive in a sunny, rich, medium or light soil. Start indoors early May in pots, set out when warm.

Golden Delight. (88 days.) Pkt. 15c; $\frac{1}{4}$ oz. 40c
Oval, blue grey, heavily netted, 7 x 7 $\frac{1}{2}$ -inch melons with very thick orange flesh of unusually fine flavor.

Hearts of Gold XXX. (90 days.) Pkt. 15c; oz. 45c; $\frac{1}{4}$ lb. \$1.25
Round green, gray netted, slightly furrowed fruits, 6 inches across. Very thick, salmon-orange, sweet, juicy flesh.

Jersey Gold. (90 days.) Pkt. 15c; oz. 45c; $\frac{1}{4}$ lb. \$1.25
Heavily netted, oval, 7 x 6 inch, yellow-gray melons, faintly ribbed. Thick orange, sweet flesh, small seed cavity.

MUSTARD *One ounce will sow 200 feet*

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c

The slightly pungent leaves are used for salads, or boiled like Spinach for greens. They grow very quickly.

Fordhook Fancy. (40 days.) Long, curled, deeply cut, dark green, mildly flavored leaves which curve outward.

OKRA *One ounce will sow 50 feet*

Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 75c

Pods, when small and tender, are used boiled, for salads or for thickening and flavoring soups and stews.

Perkins Mammoth Pod. (50 days.) Many bright green, ribbed, 7-inch, smooth, slim pods on 3-foot plants.

ONIONS *One ounce will sow 100 feet*

Thin to 1 inch apart, pull every other one while small; repeat later for "boilers;" those left will mature.

Southport White Globe. (110 days.) Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. 90c; $\frac{1}{4}$ lb. \$2.65
Medium large, globular, solid white bulbs with fairly mild, white flesh. Southport Yellow Globe keeps longer.

Southport Yellow Globe. (110 days.) Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. 90c; $\frac{1}{4}$ lb. \$2.65
Large, globe-shaped, golden yellow bulbs with cream flesh of quite mild flavor. Keeps best of all in storage.

White Sweet Spanish. (110 days.) Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. 90c; $\frac{1}{4}$ lb. \$2.65
The largest and mildest of all white onions with globe shaped, small-necked bulb and crisp, white flesh.

Yellow Sweet Spanish. (110 days.) Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. 90c; $\frac{1}{4}$ lb. \$2.65
Very large, amber-yellow, globular onions with white, solid, very mild, sweet flavored flesh.

Onion Sets, Red, White and Yellow Each, $\frac{1}{4}$ lb. 20c; lb. 35c; 4 lbs. \$1.30; 8 lbs. (peck) \$2.50
One pound plants 75 feet. For green onions plant 2 inches deep, 1 inch apart; mature onions, 4 inches apart.

PARSLEY *One ounce will sow 200 feet* For Plants see page 8

All, pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 95c

Seed germinates in 3 weeks. The leaves are high in Vitamin A. The roots of Hamburg are edible.

Extra Double Curled. (75 days.) Short, stiff stem with compact, finely cut, very densely curled, dark green leaves.

Hamburg, Long. (90 days.) Fleshy, celeriac flavored, 8-inch roots. Served boiled or to flavor soups. Store well.

Italian or Plain. (72 days.) Dark green, deeply cut, flat leaves without any curl. Used for seasoning. Quite hardy.

PARSNIP *One ounce will sow 150 feet*

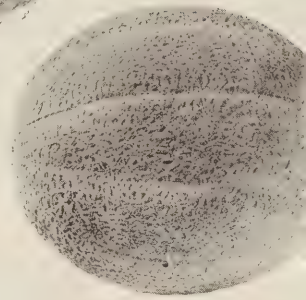
Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 95c

Let roots remain in garden over winter. Dig as needed during thaws. This gives them a sweeter flavor.

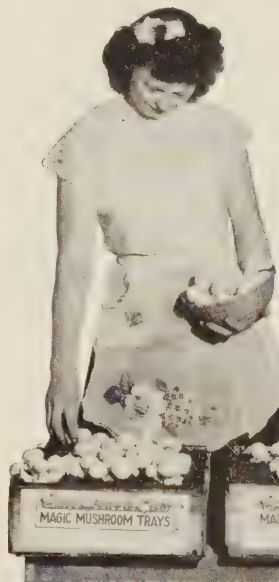
Hollow Crown XXX. (100 days.) Uniformly tapered, clean roots, 9 to 10 inches long and 2 $\frac{1}{2}$ inches across at the shoulder and of a creamy white color, with deep set hollow crowns. Use of fresh manure causes prongs.



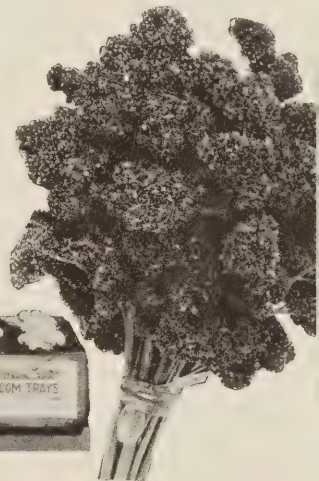
Southport Yellow Globe Onions



Golden Delight Muskmelon



Magic Mushroom Trays



Selected Extra Double Curled Parsley



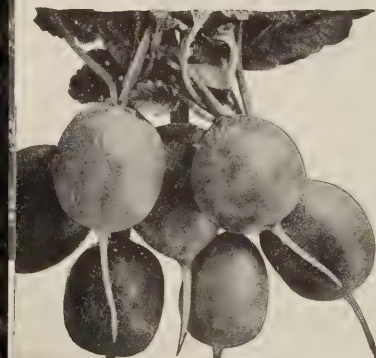
Hollow Crown XXX Parsnips



America Spinach



California Wonder XXX Peppers



Scarlet Globe Radishes

Greater Progress Peas



PEAS *Two pounds will plant 100 feet of double row*

All, pkt. 15c; $\frac{1}{2}$ lb. 35c; lb. 65c; 5 lbs. \$2.75

Peas, freshly picked and cooked, hold their full sugar content. Plant in double rows, 6 inches apart.

Freezonian. (62 days.) A new Super Thomas Laxton with huskier, 3-foot, deep green vines and greater wilt-resistant yields of dark green, blunt, $3\frac{1}{2}$ -inch pods. Excellent for canning and freezing.

Greater Progress. (62 days.) A much improved Laxton's Progress with a heavier yield of well-filled, uniform, deep green, $4\frac{1}{2}$ -inch pointed pods on husky 18-inch productive vines. The best dwarf Pea.

Telephone, Dark Pod. (74 days.) Vigorous, wilt-resistant, 4 to 5-foot vines with coarse, dark green leaves and many dark green, broad, straight, pointed $4\frac{1}{2}$ to 5-inch pods packed with 8 large, light green sweet peas.

World's Record. (57 days.) The medium green, $2\frac{1}{2}$ -foot, wilt-resistant vines bear a heavy crop of fairly broad, pointed, dark green pods $3\frac{1}{2}$ to 4 inches long containing 7 large dark green peas of excellent quality and sweetness.

PEPPERS *One packet will produce 75 plants For Plants see page 8*

All, pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. \$1.25

Start indoors in April, set plants out May 20th. To get heaviest yield pick the peppers before turning red.

California Wonder XXX (72 days from plants.) Blocky, square nosed, thick walled mild fruits, 5 by 4 inches.

Hungarian Yellow Wax (Hot). (68 days from plants.) Tapered, slightly twisted, 6 to 7-inch, very hot fruits.

King of the North. (64 days from plants.) Smooth, shiny, tapered mild fruits, 6 x 3 inches, in great numbers.

Worldbeater. (70 days from plants.) Large yield of 4-lobed, smooth, glossy green mild fruits, 5 x $3\frac{1}{2}$ inches.

PUMPKINS *One ounce will plant 25 hills*

Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 75c

A few hills will provide for many delicious pies in fall and winter. Far better than canned Pumpkins.

Connecticut Field. (120 days.) Smooth, deep orange fruits, commonly 10 inches high and 12 inches across weighing 20 pounds. The flesh is deep yellow, fine grained and of good quality. This is the one to grow for Hallowe'en.

Large Cheese. (120 days.) Large, flattened-round fruits, 12 to 15 inches across and half as deep with skin mottled with light green and yellow changing to creamy buff. The fine grained, thick flesh is deep yellow.

Small Sugar. (110 days.) This is the best for pies. Small, orange, flattened-round, furrowed pumpkins; 10 inches in diameter with thick, sweet, deep yellow, fine-grained flesh of unexcelled quality. The vines are very productive.

RADISHES *One ounce will sow 100 feet*

Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 90c

Each week, sow a week's supply of early kinds in loose rich soil. Sow winter Radishes after July 20.

Ice. (30 days.) The slim waxy white roots are best when 4 to 5 inches long. They are mild and as brittle as ice.

Scarlet Globe. (23 days.) Clean, bright scarlet, uniform globe-shaped roots, solid and crisp, with small tap roots.

Scarlet Turnip White Tip. (25 days.) Small topped, almost round, bright scarlet roots with clear white tips.

White Strasburg (Summer). (40 days.) Tapered, 5-inch, white roots, 2 inches across. Flesh is crisp, solid, pungent.

Round Black Spanish (Winter). (55 days.) Round, gray-black roots, 4 x 3 inches, with firm white pungent flesh.

RUTABAGA *One ounce will sow 200 feet*

Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 90c

If for winter storage sow late July or early August. The roots will be smaller but of better quality.

Neckless. (90 days.) Large, globe-shaped, purple-topped, yellow roots with small necks. Light yellow, firm flesh.

SALSIFY *One ounce will sow 50 feet*

Pkt. 15c; $\frac{1}{4}$ oz. 30c; oz. 80c

For winter use store roots after a hard frost. For early spring use, leave roots in garden over winter.

Mammoth Sandwich Island. (150 days.) Uniformly tapered, white, 8-inch roots, 1 to $1\frac{1}{2}$ inches across.

SORREL *One ounce will sow 100 feet*

Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. \$1

The tart, fresh leaves of this hardy plant are used for salads, for flavoring soups and boiled Spinach.

Narrow Leaf. (60 days.) Long, slender, quite narrow, bright green, upright leaves with a mild acid flavor.

SPINACH *One ounce will sow 100 feet*

All except New Zealand, oz. 30c; $\frac{1}{4}$ lb. 75c

Avoid maturing Spinach in hot weather as it bolts to seed. Sow either before May 15 or after Aug. 1.

America. (50 days.) All-America, 1952. The darkest green and most hot-weather-resistant of all. Later than Long-Standing but stands 10 days longer without bolting. The heavily crumpled-leaved plants grow 8 inches high and 12 inches across.

Long-Standing Savoy. (45 days.) The earliest of all Savoy with intensely crumpled and blistered dark green leaves of great substance. It is uniform and stands long without bolting. Space plants 10 inches apart.

Virginia Blight-Resistant Savoy. (40 days.) Best for fall. Resists blight and bolts earlier in heat.

New Zealand. (60 days.)

Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.10

Large spreading plants; numerous tender, new leaves through summer. Soak seed 24 hours as it germinates slowly.

SQUASH • For Plants see page 8

SUMMER BUSH VARIETIES *One oz. plants 30 hills*

Each, pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.20

A few hills, 3 feet apart each way, will yield steadily if you pick the usable fruits. Spray with Marlata.

Caserta. (58 days.) The vigorous bushes give a huge yield of very early Squashes of delightful flavor and texture. They are of a blunt Coccozelle shape, light glossy green with dark green broken stripes and finest when small.

Coccozelle Long XXX. (65 days.) These almost cylindrical fruits are dark green with lighter stripes and grow to 20 x 4½ inches when mature but should be used when only 6 or 8 inches long. The greenish white flesh is delicious.

Early Prolific Straightneck. (50 days.) The compact bushes produce a heavy crop of smooth, straight creamy yellow fruits usable when only 4 or 5 inches long and until 10 to 12 inches long. The yellow flesh is excellent.

White Bush Scalloped. (50 days.) These "Patty Pans" are round and flat with scalloped edges, very pale green when young but when mature are white, 7½ inches across and 3 inches thick. Best quality and flavor when small.

Zucchini, Dark Green. (62 days.) Smooth, long, slender, slightly fluted, black-green fruits, 13 x 4 inches at maturity but best when 5 or 6 inches long. The flesh is greenish white, unusually tender and of very fine flavor.

WINTER VINE VARIETIES *One oz. plants 15 hills*

Each, except Butternut, pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.20

Space well-manured hills 6 feet apart each way, 3 or 4 plants to a hill. Keep sprayed with Marlata.

Butternut. (95 days.)

Pkt. 15c; $\frac{1}{4}$ oz. 30c; oz. 75c; $\frac{1}{4}$ lb. \$2.25

The vines produce many creamy tan, smooth, straight fruits with long, thick, solid necks and bulbous seed cavity ends. Use when 6 or 8 inches long or store for winter when 12 inches long and hard shelled. Top flavor and quality.

Des Moines or Acorn. (80 days.) Yellow fleshed, dark green, ridged, pointed, acorn shaped fruit, 5½ x 4 inches.

Warted Hubbard XXX. (110 days.) Large, heavily warted, hard, dark green round fruit with elongated ends.

SWISS CHARD *One ounce will sow 50 feet*

Each, pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 95c

The leaves provide boiled greens all summer and fall; the midribs alone are cooked like asparagus.

Fordhook Giant. (55 days.) Very large, dark green leaves, heavily crumpled. The stems are white, broad and thick.

Lucullus. (55 days.) Large, 2-foot plants with curled and crumpled, broad, light green leaves and fleshy stems.

Rhubarb. (60 days.) Large, much crumpled, dark green, red-veined leaves and crimson-red stems and midribs.

TOMATOES $\frac{1}{4}$ ounce will produce 500 plants For Plants see page 8

The most versatile of all vegetables. Tomatoes grown on stakes or trellises provide the best fruit.

Early Jersey. New. (69 days from plants.)

Pkt. 25c; $\frac{1}{4}$ oz. \$1

The earliest good tomato. The sturdy vines freely yield smooth, firm, solid, medium-large bright, red fruits.

Golden Jubilee. (75 days from plants)

Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.50

An outstanding bright golden orange, mild flavored variety of excellent quality with large round fruits in quantity.

Italian Red Plum. (75 days from plants.)

Pkt. 20c; $\frac{1}{4}$ oz. 60c; oz. \$2

Clusters of bright red, oval fruits, 2½ inches long, in great abundance. The flavor and quality are excellent.

Marglobe (Certified). (75 days from plants.)

Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. \$1

Best main crop for medium-heavy soils. Large, uniform, scarlet fruits, deep globe-shaped, smooth and solid.

Ponderosa or Beefsteak. (85 days from plants.)

Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.50

Enormous, deep flat shaped, purplish pink fruits somewhat irregular but fine for mild acid-free juice.

Queens. (70 days from plants.)

Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.50

New early, very firm, smooth red, 5-ounce, globed fruits which are astoundingly uniform, thick walled and solid.

Red Egg. (75 days from plants.)

Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.50

A thin-skinned Italian Red Plum type with 3 by 1½-inch, smooth, bright red, egg-shaped fruits of fine flavor.

Rutgers (Certified). (75 days from plants.)

Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. \$1

Heavy vines loaded with scarlet, globe-shaped large, heavy solid fruits for main crop particularly on light soils.

TURNIP *One ounce will sow 200 feet*

All, pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 75c

Turnips do best when sown in late July in a rather light moist soil. They keep well in winter storage.

Purple Top White Globe. (55 days.) Smooth, 4-inch globes, purplish red above and white below ground.

Yellow Globe Green Top. (75 days.) Green-topped yellow globe roots, 5 inches across. The flesh is pale yellow.

Seven Top. (45 days.) Grown for greens only. The crown sends up numerous, tender leafy shoots which are boiled.

WATERMELON *One ounce plants 25 hills For Plants see page 8*

Pkt. 15c; oz. 35c

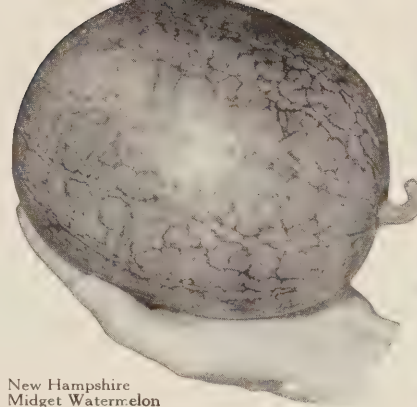
These do best in a warm sunny location preferably with a slope to the south and a rich sandy soil.

Dixie Queen. (85 days.) Oval round 15 by 12-inch light green melons striped dark green with crisp sweet red flesh.

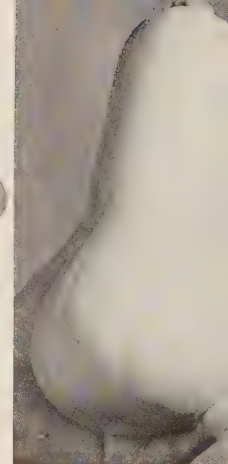
New Hampshire Midget. (65 days.) New

Pkt. 20c; $\frac{1}{4}$ oz. 40c; oz. \$1.25

All-America Winner. This miniature melon, served one-half to a person and small enough for your refrigerator, will fully ripen in this latitude. It is light gray-green with narrow irregular striping, about 8 by 6 inches, each weighing about 2½ pounds. The rind is very thin and the solid, bright red flesh is sweet.



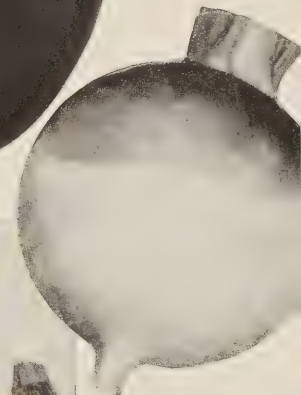
New Hampshire
Midget Watermelon



Butternut Squash



New Queens Tomato



Purple Top
White Globe Turnip



Caserta Squash

INSECT, DISEASE AND PEST REMEDIES

Directions on each package

The plant disease remedies, and the insect and pest controls offered here are considered the most effective and include the latest chemical developments for these purposes, as well as the selective weed controls in lawns. All have been tested by State Experiment Stations, Agricultural Colleges and Universities, etc.

Ant Killer, Cyanogas. For outdoor use only. Pour the powder through the spout into the ant nest opening. Then seal promptly with the sole of your shoe. The powder instantly forms a deadly gas that destroys the ants by asphyxiation. Harmless if these directions are followed. 4 oz. spout can, 40c.

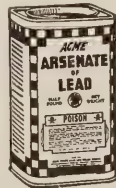


Ant Jelly Bait, "Tat". Place a little wherever ants gather outdoors. They carry it back and it destroys colony. Tube 35c.

Ant-Trap, "Tat". It is harmless to children and pets. Place traps 15 feet apart where ants are numerous. Will destroy the colony in about two weeks. 25c each; \$2.75 doz.

ARSENATE OF LEAD.

It is very effective for spraying both trees and shrubs against attacks by chewing insects such as web caterpillars. In powdered form, it is easy to handle. May be applied both as a dust or sprayed on in solution. Use 1 lb. to 50 gals. water. Lb. 65c; 4 lb. pkg. \$1.85; 24 lbs. \$10.50; 48 lbs. \$20.



Black Leaf 40. Nicotine sulphate. For all sucking insects as aphids, red spider, leaf hopper, thrips, etc. Dilute 2 teaspoonfuls to 1 gal. of water, and spray. 1-oz. bottle 35c; 5 ozs. \$1; lb. \$2.45; 5 lbs. \$7.75.

Bordeaux Mixture. This is the best to prevent the Tomato Late Blight provided you spray regularly every week or 10 days. A copper fungicide for mildew, blight, rust, scab and fungous diseases. Use at the rate of 1 lb to 8 gallons of water, or if blight is serious, to 5 gallons of water. Lb. 50c; 4 lb. pkg. \$1.35; 24 lbs. \$7.50; 48 lbs. \$14.



Bor-Tox. Inject this jelly paste into the holes to kill borers in trees and shrubs. 2-oz. tube with large and small spouts, \$1.

Bulb Saver. Use this, containing Aramite, D.D.T., Ferbam, and Sulphur, to treat all of your fall and spring bulbs and Dahlia roots before planting and again before storing over winter. Will help control mite, thrips and other insects and fungous diseases of bulbs. 12 ozs. \$1.25; 5 lbs. \$5.50.

Cabbage Maggot Destroyer. Kills root maggots that destroy cabbage, broccoli, cauliflower plants, etc. and also destroys turnip and radish worms. Dust the stems and roots before planting and dust on the soil 10 days later. 5 ozs. 60c.

Catalizer, Spray. A spreader and sticker. Also makes Arsenate of Lead, Lime Sulphur and spray solutions safer. 2 lbs. 90c.

Chick Weed. To destroy chick weed in lawns use Zotox during cool weather.

Chinch Bugs. Use Synklor for both hatches.

Chlordane 67 Dust. Gives control of ants and grubs by dusting on the lawn; or grubs, root-maggots, wireworms, cutworms by working into the surface soil. May also be used indoors along baseboards or in crevices to eliminate ants, cockroaches, silverfish, box elder bugs, and crickets. Also controls corn borers. Lb. 60c; 4 lbs. \$1.50.



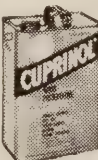
Corn Borers. Use Ryatox; 6% Chlordane.

Crow Repellent, No-Crow. Corn and similar seeds treated with No-Crow, will be perfectly safe. Crows, pigeons, moles, pheasants, blackbirds, squirrels, etc. hate it and will not touch it. Avoids need of replanting. 1/2 pt. (treats a bushel of seed) 60c; pt. \$1; qt. \$1.75.



Cuprinol, No. 10 Green. Protects all timber from decay, termites and other insects both above or below the ground. May be applied by paint brush,

spray gun or dipping. The color shows where it has been applied but it can be painted over; makes an excellent prime coat for surfaces about to be painted. Provides long lasting protection. If it is applied with a paint brush one gallon will cover about 400 square feet of board surface. Stops costly rot. Qt. \$1.75; gal. \$4.70. No. 20 Clear. Qt. \$1.75; gal. \$4.70.



Cutworm Bait, Snarol. This toxaphene meal lures army worms, crickets and grasshoppers as well as cutworms and effectively destroys by contact and as a stomach poison. Harmless to vegetation. Wet the area first, apply in the evening. Lb. 50c; 2 1/2 lbs. \$1; 6 lbs. \$2.

Cyanogas (A) Dust. For outdoor use only. Forms a deadly gas which kills rats, moles, woodchucks and other rodents. Avoid use indoors or where the gas might be inhaled by any persons or pets. Lb. \$1.

Dimite. This is a very effective control of red spiders and other mites, particularly the cyclamen mite which damages Delphinium plants. This new insecticide is easily applied and gives protection for several weeks. 2 ozs. 65c.



D.D.T. 30% Dapspray. Liquid combining D.D.T. with 1% Rotenone, two very excellent killing agents for both chewing and sucking insects. Extra fine for control of flea beetle and destroying thrips on Gladiolus plants; by mist spray every 10 days. To clean bulbs before planting soak for 3 hours in a gallon of water containing 2 teaspoonfuls of Dapspray. Avoid use on melon, squash, cucumber, pumpkin, tomato vines as D.D.T. destroys bees. 4 ozs. \$1; qt. \$4.50; gal. \$17.



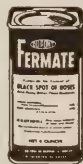
D.D.T. 5% Dust. To kill Gladiolus thrips dust plants every 10 days. Before storing over winter, dust bulbs and keep in warm place for 3 weeks. Lb. 35c; 5 lbs. \$1.25.

Dog-Skat. Hung on evergreen, tube drips, dogs avoid odor. Tube 50c. As a spray, apply at base of plants, 3 ozs. 50c.

Earthworms. Kill with 5 lbs. Lead Arsenate mixed with sand per 1000 sq. ft. watered in.

EVER GREEN This is a non-poisonous pyrethrum spray kills ants and garden insects to control all beetles, aphids, slugs, worms, both chewing and sucking. Avoid use with arsenical sprays. Oz. 35c; 6 ozs. \$1.15; pt. \$2.45; qt. \$4.

Fermate. A highly effective fungicide. Gives control of black spot on roses, leafspot and rust on mums and snapdragons, anthracnose on beans and tomatoes and all mildews. Add a little water to the powder first to make a wet paste, then add water slowly and stir very well. When applying be sure that a mist spray covers all parts of both stems and foliage of the plants. 8 ozs. 75c; 3 lbs. \$3.50.



FRUIT SPRAY. Combination spray for all insect and disease control of all fruits including grapes and stone fruits after the dormant stage. Contains D.D.T., Nicotine, Fermate and Sulphur. Use 2 tablespoonfuls to 2 1/2 qts. water. 10 ozs. \$1; 2 lbs. \$2.65.



Jap-ro-ride. Combination of D.D.T. and Chlordane for the control of adult Japanese beetles on plants. Spray thoroughly when the beetles appear, covering the complete area rather than just a few plants. Use 4 teaspoonfuls to a gallon of water. Also destroys wasps and spiders. 12 ozs. \$1.25; 4 lbs. \$5; 24 lbs. \$28.



Method of Control for Japanese Beetles

Gladiolus Thrip. Use D.D.T., either as a 5% dust or in solution like Dapspray.

Grafting Wax. Refined. 1/2 lb. 55c; lb. 85c.

Japanese Beetles. Jap-ro-ride or Marlate.

Leaf Hoppers spread yellows. Use Dapspray.

Lime Sulphur, Dry. Spray when trees are dormant, against San Jose scale, peach leaf curl and blister mite using 1 to 1 1/2 lbs. to 5 gals. water. For a summer spray against apple and pear scab use 1/2 lb. to 5 gals. water. Follow directions on can. Lb. 60c; 5 lbs. \$2.40; 10 lbs. \$4.50.

Lindane, 5%. Destroy insects with this new super-insecticide for the fast control of aphids, thrips, plant bugs, caterpillars and most all common bugs and beetles infesting azaleas, roses, and other flowers, shrubs, vines, fruits and vegetables. It kills three ways: by contact, by vapor, and as an internal poison. An effective spray. 4 ozs. 80c; pt. \$2.70.



Lindane-Rotenone Spray Bomb. A very handy push-button spray for all Roses, Glads, Mums and other flowers to control aphids, thrips, leaf-hoppers, beetles and other garden insects. The 1% Lindane gives a lasting residual kill and the 3/4% Rotenone is effective. 12 oz. bomb, \$1.69.

Marlate, 50. Contains 50% Methoxychlor wettable powder, the new wonder insecticide which is very effective against pests yet is harmless to humans or pets and will not injure plants. It kills as a stomach poison and by long lasting residual contact. Best control yet for Mexican bean beetle and destroys beetles, worms and borers on squash, cucumbers, tomatoes, etc. Use 2 tablespoonfuls to a gallon of water on all fruits, flowers, shrubs. 8 ozs. 75c.



Mole-Nots. Drop one to a hole every 6 feet of run. Close lightly with soil. In three days flatten run. Box of 8, 35c; box of 50, \$1.

Molite Mole Killer. Light cartridge fuse and insert every 10 to 15 feet in runway. Seal openings to confine gas which kills moles. Very effective, easy. Cartridges, 6 for 80c; \$1.50 per doz.

Mouse-Nots. Non-poisonous to dogs. Box of 9, 25c.

Nico-Fume Fumigator. Quickly destroys aphids. 1/2 lb. 60c; doz. \$6.50; lb. \$1; doz. \$10.

No-Nib'l Rabbit Repellent. It protects your flowers and vegetables from feeding damage by birds, rabbits and all other animals. They dislike the taste. 6-oz. can (makes 2 1/2 gals. spray) 95c.



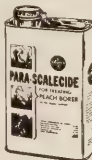
INSECT, DISEASE AND PEST REMEDIES

Directions on each package

In using these materials we suggest that you exactly follow the directions on the package specially with selective weed killers, fumigants and dormant sprays. Be careful at all times to store them out of reach of children and pets. Three teaspoonfuls = 1 tablespoonful or ½ fluid ounce. One pound = 12 fluid ounces. One quart = 32 fluid ounces.

Para Dichlorobenzene. For peach borer. If applied in trench about tree, and topped with soil, it emits a heavy gas which kills borers in roots. Lb. 50c; 5 lbs. \$2.25.

Para-Scalecide. A sure fire peach borer control. It combines Scalecide with paradiichlorobenzene. Dilute 1 gal. in 7 gallons of water and apply with a dipper on tree trunk circling tree 6 inches above ground. Mound up the soil around the tree to contain gas. Qt. \$1.45; gal. \$3.25.



Poison Ivy. Ammate or Improved Weedone.

Rabbit Repellent. Spray plants with No-Nib! See description on previous page.

Rat-Nots. Non-poisonous squill. Box 25c.

Red Arrow Garden Spray. A rotenone-pyrethrum-soap contact spray that destroys both sucking and chewing insects. Safe, efficient and easy to use. Oz. 35c; 4 ozs. \$1; pt. \$2.85; qt. \$5.

ROSE and GARDEN DUST.

An effective all-purpose combined insecticide and fungicide for roses but invaluable for use on everything in the garden. Controls both chewing and sucking insects as well as black-spot, blight, mildew and rust. It contains D.D.T., Rotenone, Lindane, Fermate, Sulphur. Use as a dust or spray. Handy 10-oz. duster \$1; 2 lbs. \$1.95; 24 lbs. \$21.



Rotenone Liquid. Red Arrow; Roto-fume.

ROTENONE DUST 1%. With just enough sulphur (3%) to keep the rotenone at full strength. Non-poisonous and very effective against Mexican bean beetles and other leaf-chewing and sucking insects. Perfectly safe to use either as a dust or in suspension in water as a spray. Lb. 40c; 5 lbs. \$1.50; 10 lbs. \$2.75; 25 lbs. \$5.75.

Roto-fume. A safe, non-poisonous liquid spray for general garden use. It combines rotenone and pyrethrum and destroys both chewing and sucking insects. Will not injure plants. Pt. 85c; gal. \$5.

Ryatox. For corn borer control. A new product which has been thoroughly tested and found most effective and safer than D.D.T. The active ingredient, powdered Ryania, is recommended by state and federal entomologists for the control of corn borers. Dust or spray 1 lb. to 6 gals. water. 14 ozs. 65c.



Semesan. Disinfects seeds against damping off. 2 ozs. 60c; 12 ozs. \$2.85.

Semesan Special. For brown patch; dollar spot in lawns. 1½ lbs. \$3.75.

Scalecide. Safest oil spray to use against San Jose and other scales and mites, etc. when fruit and shade trees, shrubs and ornamentals are in dormant condition. Controls scale and invigorates growth. A complete dormant spray. Dilute 1 gal. in 15 gals. water. Qt. \$1.15; gal. \$2.75.



Slar-Rat. A prepared rat bait containing the new warfarin, the best rat killer yet. It is odorless, and easy to use. Lb. \$1.

Slug Shot. For dusting potato bugs, beetles, cabbage worms, slugs, and other chewing insects. Lb. 50c; 4 lbs. \$1.50.

Snail-Slug Pellets, Snarol.

This metaldehyde bait, if mounded or broadcast lures snails and slugs from plants and shrubs. When eaten or contacted it quickly destroys them. Apply in the evening as these pests do their damage at night. Lb. 35c; 2½ lbs. 75c; 6 lbs. \$1.65.



Spergon. A disinfectant which prevents seed decay, improves the germination of the seed and grows healthier crops of limas, peas and corn. Oz. (enough to treat 25 lbs. of seed) 25c; 5 ozs. \$1; lb. \$2.40.

Squash Borer. Spray vines with Marlate 50.

Sulphur, Wettable Powder. For black-spot and mildew, as a dust or spray. Avoid use on cucumbers, melons, squash, etc. It combines readily with ordinary insecticides. Mixed with soil, it acidifies. 2 lbs. 50c; 4 lbs. 85c; 24 lbs. \$4.50.

Synklor-50W. Gives a fast effective control of insects with little danger to humans or animals. Kills by contact and residual action remains for a long period. To control ants, Japanese and other beetle grubs, chinch bugs in the lawn sprinkle with ½ lb. in 5 gals. of water on 1000 sq. ft. and wash well into turf with water. To destroy leaf-miners, Japanese beetles, thrips, etc. on plants spray with 2 teaspoonfuls in a gal. of water. ½ lb. \$1.50; lb. \$2.50.



Thrips Control-D.D.T. Dapspray; Synklor.

Tobacco Dust, Fine. For fumigating, dusting and for ground insects. Lb. 25c; 5 lbs. 70c; 25 lbs. \$2; 100 lbs. \$6.

TOMATO DUST. Controls the Tomato Late Blight if applied every 10 days. Use this two-purpose control as a dust or spray. Combines tribasic copper for fungous diseases and calcium arsenate for leaf eating insects. 1½ lb. shaker-top can 80c; 5 lb. bag \$2.



TRI-GEN KITS.

Contains Fermate. Controls black-spot, mildew and blight on all roses, asters, carnations, chrysanthemums and dahlias, delphinium, hollyhocks, phlox, snapdragons and others.

Kit A makes 16 qts. 12-20 roses, \$2.35.

Kit B makes 64 qts. for 50-80 roses, \$6.

Kit C makes 32 gals. for 100 to 160 roses, \$9.

Kit D makes 128 gals. 400 to 600 roses. \$30.



WEED KILLERS

Ammate Weed Killer. For permanent destruction of poison ivy, poison oak, sumac, and deep-rooted perennial weeds. Can also be used to keep driveways clean. Spraying the foliage destroys both top growth and root system. It produces temporary soil sterility; this may be shortened by applying hydrated lime. Use 1 lb. to a gal. water for 100 sq. ft. 2 lbs. \$1; 6 lbs. \$2.70.



DOUBLE-O CRAB GRASS KILLER. It contains 76% Potassium cyanate, the latest and best of all the crab grass controls. Apply locally by sprayer only where crab grass appears in established lawns when in active growth. For seedlings give repeated doses as the seed germinates over several weeks. Use when the grass is dry but the soil is slightly moist. Apply, for seedlings, 2½ ozs. in 5 gals. water on 750 sq. ft.; for mature weeds, 5 ozs. in 5 gals. water on 750 sq. ft. 5 ozs. \$1; 1½ lbs. \$4.



HERBICIDE WEED KILLER. Kills weeds and all vegetation which it contacts. It is especially useful for keeping tennis courts, driveways and gutters weed free. Avoid applying within one foot of lawns. Dilute with water and sprinkle, 1 gal. making 40 gals., sufficient for 1000 sq. ft. Qt. 85c; gal. \$2.25; 5 gals. \$9.50.

Weedone Crabgrass Killer. Contains 46% Potassium cyanate. Destroys crabgrass and chickweed in lawns without killing lawn grass. Treated areas harmless to children and pets. Avoid use in hot weather. Use 6½ oz. to cover 1000 sq. ft. for seedlings; 500 sq. ft. if mature. 6½ ozs. \$1; 26 ozs. \$3; 6½ lbs. \$8.85.

Weedone Brush Killer 32. Drench woody plants when in leaf. Will kill desirable plants if spray drifts. Devote sprayer to this alone. 8 ozs. \$1.49; qt. \$3.95.

Tree Banding Compound, Stop. Protects trees from creeping insects. Lb. makes 10 linear feet of band, \$1; 5 lbs. \$4.15.

Tree Healing Paint. After cutting off damaged branch, apply paint to live stub, prevents loss of sap. Qt. 60c; gal. \$1.50.

Volck Oil Spray. A control for scale insects, mealy bugs, red spiders and mites, white fly nymphs. Avoid using it in hot weather when plants are very dry or after using or along with sulphur sprays. Use 1½ tablespoonfuls in each quart of water. 4 ozs. 35c; 16 ozs. 70c; 32 ozs. \$1.35.

Wine Worms. Saturate soil 4 in. deep with 4 ozs. Synklor in 5 gals. of water.

Weedone Improved, 2,4-D plus 2,4,5-T.

This weed killing miracle destroys many varieties of weeds. No vapors to injure nearby flowers, shrubs, etc. It quickly and selectively destroys dandelion, wild onion, plantain and other lawn weeds without killing the lawn grasses. In stronger solution it kills poison ivy, wild honeysuckle, ragweed, dock and others. Devote sprayer to this alone. 8 ozs. \$1; qt. \$2.75; gal. \$6.95.



Weedust 2,4-D. A handy shaker can for easy dusting to kill plantain, dandelions, etc. in your lawn. 12 ozs. 75c.

Wilson's Weed Killer. A way to kill all weeds and vegetation. One good application prevents weeds from growing again as it sterilizes soil for months. Invaluable on drives, gutters, etc. Avoid applying within one foot of lawns. Best used when the soil is just slightly moist. Dilute 1 gal. with 40 gals. water for 800 sq. ft. of area. Qt. 75c; gal. \$2; 5 gals. \$9.



Zotox. A liquid arsenical selective weed killer to destroy crab grass plants and seeds without destroying the permanent lawn grasses. The treatment may temporarily discolor the turf but it regains its natural green. Is unusually effective on mature crab grass. Kills chickweed in lawns. Apply when cool. 8 ozs. in 5 gals. water treats 2000 sq. ft. 8 ozs. \$1; 16 ozs. \$1.50; 32 ozs. \$2.50.



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Date _____, 1953


all items within our suburban area (see page 1) if order totals \$4 or more. We ship all seeds and bulbs, charges prepaid, to any point in the United States.

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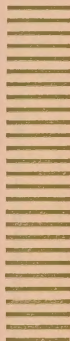
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Start these Vegetables indoors, or buy our plants

	Seed for 25-ft. row	Depth to cover seed (in.)	Days from seed indoors to setting plants in garden	Set plants out in your garden	No. plants for 25-ft. row	No. feet between rows	Plants apart in rows (in.)	Days from setting plants to table size
Broccoli	Pkt. 1/4	35	Apr. 1 to July 15	18	2 1/2	18	60	
Brussels Sprouts . .	Pkt. 1/4	35	April and July	18	2 1/2	24	85	
Cabbage, Early . . .	Pkt. 1/4	35	Apr. 15 to June 1	18	2 1/2	18	66-75	
Cabbage, Late . . .	Pkt. 1/4	35	June 15 to July 15	12	3	24	88-100	
Cauliflower, Early .	Pkt. 1/4	35	Apr. 15-30	18	2 1/2	18	50-60	
Cauliflower, Late . .	Pkt. 1/4	35	June 15 to July 1	12	3	24	55-60	
Celery and Celeriac	Pkt. 1/4	55	May 1 to July 15	48	2 1/2	6	85-140	
Eggplant	Pkt. 1/4	55	June 1-15	12	2 1/2	24	80	
Kohlrabi	Pkt. 1/4	35	Apr. 1 to June 10	36	1 1/2	8	25	
Lettuce, Head . . .	Pkt. 1/4	30	Apr. 1 to May 15	30	1 1/2	10	40-50	
Parsley	Pkt. 1/4	45	Apr. 1 to July 1	96	1	3	30	
Peppers	Pkt. 1/4	50	May 15 to June 15	18	2	18	64-82	
Tomatoes, Early . .	Pkt. 1/4	45	May 15 to June 15	8	3	36	69-75	
Tomatoes, Late . . .	Pkt. 1/4	45	May 15 to June 15	8	3	36	85-90	

Sow these Vegetable Seeds right in your Garden

	Number of sowings	Days between sowings	Sow Seed Outdoors	Seed for 25-ft. row	No. feet between rows	Depth to cover seed (in.)	Plants apart in row (in.)	Ready to pick (days)
			● Means Seed for 50-ft. row					
Beans, Dwarf	* 14	May 1 to Aug. 1		½lb.	2	2	3	48-54
Beans, Pole†	1	— May 15 to June 15		Pkt. 3½	2	36	65	
Beans, Bush Lima . .	2 14	May 20 to June 10	●	½lb.	2½	1	10	66-75
Beans, Pole Lima†§	1	— May 20 to June 10		Pkt. 3½	1	36	88-92	
Beets	* 14	Apr. 1 to July 15	●	Oz. 1	1	3	58-63	
Cabbage, Chinese . .	1	— July 1 to Aug. 1		Pkt. 2	½	8	65-75	
Carrots	5 21	Apr. 1 to July 15		¼oz.	1	½	3	66-77
Collards	1	— May and Aug.		Pkt. 3	½	2	75	
Corn Salad	2	— May and Sept.		Oz. 2	½	6	45	
Corn, Sweet	3 14	May 15 to July 15		Pkt. 2½	1	10	68-92	
Cucumbers	1	— May 15 to June 15		Pkt. 4	½	8	55-72	
Endive	2 75	Apr. 10; June 1 to July 15		Pkt. 1½	½	12	90	
Kale	2 60	Apr. 15 to July 15		Pkt. 2½	½	18	60	
Kohlrabi	2 95	Apr., May; July		Pkt. 1½	½	8	55	
Leeks	1	— Apr. 1 to May 10		¼oz.	1½	½	4	150
Lettuce, Loose-Leaf	4 14	Mar. 15-Apr. 15; July 10		Pkt. 1½	¼	6	40-45	
Lettuce, Head	4 14	Mar. 15-Apr. 15; July 10		Pkt. 1½	¼	10	70-83	
Muskmelon†	1	— May 20 to June 1		Pkt. 5	½	60	85-90	
Mustard	* 14	Apr. 1 to Aug. 1	●	½oz.	1	¼	6	40
Okra	1	— May 20-30		½oz.	3	1	18	50-55
Onions	1	— Apr. 1 to May 20		¼oz.	1	½	2	110
Parsley	1	— Apr. 15 to Aug. 1		Pkt. 1	¼	3	72-90	
Parsnip	1	— Apr. 1 to May 15		¼oz.	1½	½	4	100
Peas†	4 14	Mar. 15 to May 10		½lb.	3	2	2	57-74
Pumpkin§	1	— May 15 to June 15		Pkt. 6	1	72	120	
Radish, Early	* 10	Mar.-June 1; Aug. 15 on; 2	ppts.	1	½	1	23-30	
Radish, others	1	— July 20 to Aug. 5		Pkt. 1	½	3	40-55	
Rutabaga	1	— June 15 to July 15		Pkt. 1½	½	6	90	
Salsify	1	— Apr. 1 to May 15	●	Oz. 1½	1	3	150	
Spinach	* 10	Mar. 15-May 15; Aug.	●	Oz. 1½	½	6	40-45	
Spin., New Zealand	1	— Apr. 1 to May 30	●	Oz. 3	1	18	60	
Squash, Summer† . .	1	— May 20 to June 1		Pkt. 3	1	36	50-65	
Squash, Winter† . . .	1	— May 20 to June 1	2	ppts. 6	1	72	80-110	
Swiss Chard	2 30	Apr. 1 to July 15	●	Oz. 1½	1	8	55-60	
Turnips	2	— Apr. 15 to May 15; July	●	Oz. 1	¼	3	45-75	
Watermelon†	1	— May 20 to June 10		Pkt. 6	1	60	65-90	

†Plant in hills, not rows
\$5-6 seeds per hill
‡Plant in double rows
*Means several



SPRING
1953

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